



SERIES 88

SUPERFLY

ULTRAMINIATURE CONNECTORS



OCTOBER 2012

SERIES 88 SUPERFLY

NEED TO SAVE SIZE AND WEIGHT ?

GET SUPERFLY CONNECTORS ON YOUR TEAM!



Glenair Series 88 *SuperFly* cordsets are the new standard for high performance, ultraminiature interconnection systems. Supplied as turnkey cordsets and pigtails, the Series 88 *SuperFly* offers three contact sizes, two coupling styles and twenty-one contact arrangements. These lightweight, ultra-flexible connectors and cables are ideally suited for battlefield and other high-performance applications.



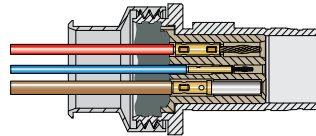
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Series 88 SuperFly

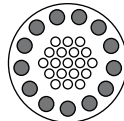
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Dimensions in inches (millimeters) and are subject to change without notice.

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Series 88 SuperFly Introduction

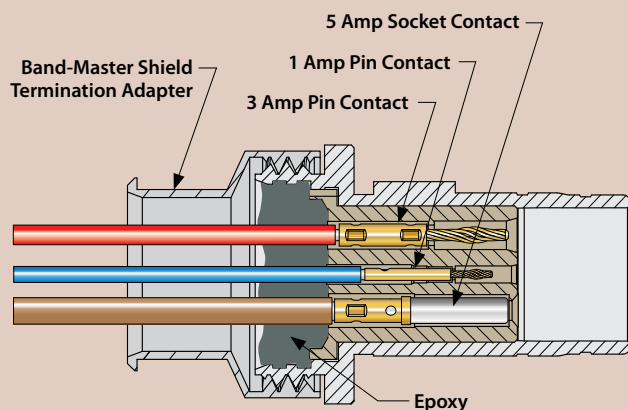
Available with threaded or
quick-disconnect mating



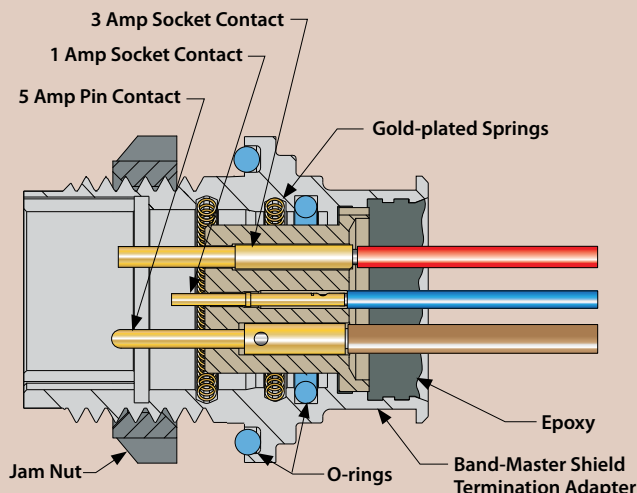
Compact, ultralightweight SuperFly connectors feature threaded or push-pull coupling, EMI shielding and IP67 ingress protection. Available in a variety of layouts and sizes for audio, video, comms and data applications, Series 88 connectors are ideal for man-portable electronics where size and weight are prime considerations. Available in ready-to-use cordsets and single-ended pigtails, Series 88 SuperFly assemblies ship with ultra-flexible high-speed cabling in contact arrangements from 3–44 contacts.



- Ultraminiature Packaging
- IP67 Immersion Rated
- Quick-disconnect (QDC) or Threaded Coupling
- High-Reliability Contacts
- High Shock and Vibration
- Three Contact Sizes: 5 Amp, 3 Amp, and 1 Amp
- Robust EMI Shielding
- Designed for High Speed Data Applications
- Pre-Wired, Epoxy-Sealed
- Pigtails and Overmolded Cordsets
- 21 Contact Arrangements
- Front or Rear Panel Mounting
- Aluminum or Stainless Steel
- Accepts #22 to #32 AWG Wire



Series 880 QDC Plug



Series 880 QDC Receptacle

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Series 88 SuperFly Product Selection Guide

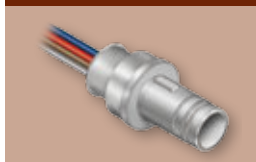


Series 88 SuperFly

Series 880 Quick-Disconnect

A

**Cable Plug with
Pigtail Wires
880-001P**



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**Overmolded,
Shielded Cable Plug
886-001P, 886-002P**



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**Cable Plug with
Soldercup Contacts
880-025P**



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**Panel Plug, Pigtail
Wires, Rear Mount
880-010P**



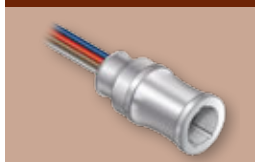
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**Panel Plug, Pigtail
Wires, Front Mount
880-009P**



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**Cable Receptacle
with Pigtail Wires
880-002R**



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**Overmolded Cable
Receptacle
886-003R, 886-004R**



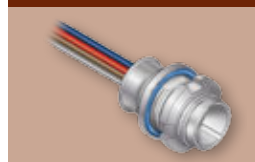
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**Panel Receptacle,
Pigtail, Front Mount
880-003R**



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**Panel Receptacle,
Pigtail, Rear Mount
880-004R**



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Series 881 Threaded Coupling

**Cable Plug with
Pigtail Wires
881-001P**



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**Overmolded,
Shielded Cable Plug
886-005P, 886-006P**



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**Cable Receptacle
with Pigtail Wires
881-002R**



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**Overmolded Cable
Receptacle
886-007R, 886-008R**



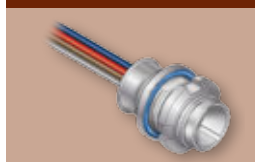
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**Panel Receptacle,
Pigtail, Front Mount
881-003R**



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**Panel Receptacle,
Pigtail, Rear Mount
881-004R**



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Series 88 SuperFly Technical Data

Mechanical and Environmental Specifications

DESCRIPTION	REQUIREMENT	STANDARD
Water Immersion, mated	1 meter, 1 hour	MIL-STD-810F Method 512.4
Ingress Protection, mated	IP67 rating	IEC-60529
Vibration, Sine	30 g's	EIA-364-28
Vibration, Random	37.8 g's	EIA-364-28 Test Condition V IEC-60512-6-4
Gunfire Vibration	No discontinuity	MIL-STD-810 Method 519
Mechanical Shock	300g's	EIA-364-27 Condition D IEC-60512-6-3
Corrosion (Salt Mist)	Nickel-plated aluminum: 48 hours Other finishes: 500 hours	EIA-364-26 IEC 60512-11-6
Fluid Immersion	No damage from immersion in various fuels and oils.	EIA-364-10
Magnetic Permeability	2 μ maximum.	EIA-364-54
Durability (mating cycles)	2000	EIA-364-09

Electrical Specifications

DESCRIPTION	5 AMP CONTACT	3 AMP CONTACT	1 AMP CONTACT
Current Rating	5A	3A	1A
Wire Size (maximum)	#24 AWG	#26 AWG	#28 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Contact Specification	AS39029	MIL-DTL-83513	MIL-DTL-32139
Shell Resistance	< 5 milliohms		
Shielding Effectiveness	>55 dB thru 1000MHz		
Insulation Resistance	5000 megohms minimum		

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Series 88 SuperFly Technical Data



Materials and Finishes

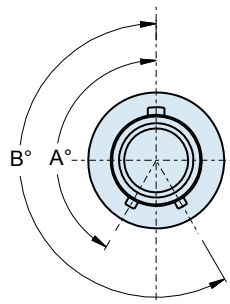
COMPONENT	MATERIAL, FINISH
Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)

MOD-686 Polarizing Options

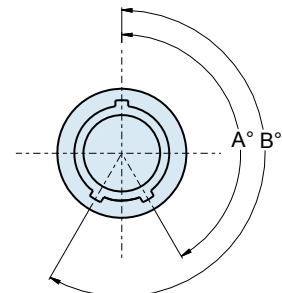
Standard SuperFly connectors feature a single key and keyway for shell polarization. Optional alternate key positions are available for situations where multiple connectors are used. Add the suffix code shown below to the part number. Example: 880-003RA-E3W-M200J5-24-**686A**.

Alternate Key Positions

Key Position	Suffix Code	A°	B°
A	686A	150°	210°
B	686B	75°	210°
C	686C	95°	230°
D	686D	140°	275°
E	686E	75°	275°
F	686F	95°	210°



Plug Key Positions



Receptacle Key Positions

MOD-518 Open Face Sealing

Standard SuperFly connectors are watertight when mated. If water immersion is a requirement for open face (unmated) connectors, the connector should be specially processed and tested. Modification code 518 specifies special processing and 100% leak testing. Connectors are 100% tested to meet a leak rate of 1×10^{-4} cc/second of helium at a 1 atmosphere pressure differential. Add suffix code -518 to the part number to call out open face sealing. Example: 880-004RA-G6M10N-M035J-24-**518**.

Application Note: Sand and Dust Exposure

Unmated SuperFly connectors should not be exposed to sand, dust or debris, which can be entrapped in the small contact cavities. Debris entrapment can cause excessive contact wear and possible failure. Unmated connectors should be fitted with dust caps or protective covers.

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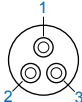
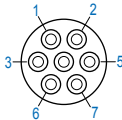
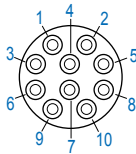
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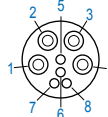
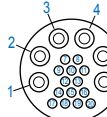
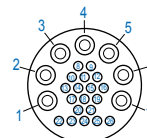
SuperFly Contact Arrangements

Contact numbering is mating face of shrouded (Type B) insert. Unshrouded (Type A) inserts are reversed. Shown for reference only- contact numbers do not appear on connector.

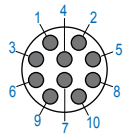
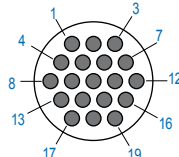
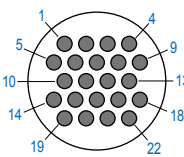
ARRANGEMENTS WITH 5 AMP (#22-28 AWG) CONTACTS

Contact Size ◎ 5 Amp				
	Contact Arrangement	E-3W	G-7W	H-10W
	No. of Contacts	3	7	10
	Current Rating (Amps)	5	5	5
	Contact Size	#23	#23	#23
	Wire Size (AWG)	#22 – #28	#22 – #28	#22 – #28
	DWV Voltage (VAC Sea Level)	500	500	500

ARRANGEMENTS WITH 5 AMP (#22-#28AWG) AND 1 AMP (#30, 32 AWG) CONTACTS

Contact Size ○ 1 Amp ◎ 5 Amp										
	Contact Arrangement		D-2W2N		F-4W4N		H-6W14N		J-7W19N	
	No. of Contacts		2	2	4	4	14	6	19	7
	Current Rating (Amps)		1	5	1	5	1	5	1	5
	Contact Size		#30	#23	#30	#23	#30	#23	#30	#23
Wire Size (AWG)		#28–#32	#22–#28	#28–#32	#22–#28	#28–#32	#22–#28	#28–#32	#22–#28	
DWV Voltage (VAC Sea Level)		250	500	250	500	250	500	250	500	

ARRANGEMENTS WITH 3 AMP (#24-30 AWG) CONTACTS

Contact Size ● 3 Amp					
	Contact Arrangement	D-3M	G-10M	K-19M	L-22M
	No. of Contacts	3	10	19	22
	Current Rating (Amps)	3	3	3	3
	Contact Size	#24	#24	#24	#24
	Wire Size (AWG)	#24 – #30	#24 – #30	#24 – #30	#24 – #30
	DWV Voltage (VAC Sea Level)	600	600	600	600

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SuperFly Contact Arrangements



Series 88 SuperFly

Contact numbering is mating face of shrouded (Type B) insert. Unshrouded (Type A) inserts are reversed. Shown for reference only- contact numbers do not appear on connector.

ARRANGEMENTS WITH 3 AMP (#24-#30 AWG) AND 1 AMP (#30, 32 AWG) CONTACTS

Contact Size ○ 1 Amp ● 3 Amp								
	C-2M2N		E-4M4N		G-6M10N		K-13M19N	
Contact Arrangement								
No. of Contacts	2	2	4	4	10	6	19	13
Current Rating (Amps)	1	3	1	3	1	3	1	3
Contact Size	#30	#24	#30	#24	#30	#24	#30	#24
Wire Size (AWG)	#28-#32	#24-#30	#28-#32	#24-#30	#28-#32	#24-#30	#28-#32	#24-#30
DWV Voltage (VAC Sea Level)	250	600	250	600	250	600	250	600

ARRANGEMENTS WITH 1 AMP CONTACTS (#30 AND #32 AWG)

Contact Size ○ 1 Amp												
	B-7N		C-10N		E-19N		F-22N		H-37N		J-44N	
Contact Arrangement												
No. of Contacts	7		10		19		22		22		22	
Current Rating (Amps)	1		1		1		1		1		1	
Contact Size	#30		#30		#30		#30		#30		#30	
Wire Size (AWG)	#28 - #32		#28 - #32		#28 - #32		#28 - #32		#28 - #32		#28 - #32	
DWV Voltage (VAC Sea Level)	250		250		250		250		250		250	

SUPERFLY LAYOUTS ORGANIZED BY PROTOCOL

Layout	B-7N	C-10N	C-2M2N	D-3M	D-2W2N	E-3W	K-13M19N
Protocol	eSATA/SATA	USB 3.0 (low power) Ethernet	USB		USB	22	HDMI (13 extra)
Layout	E-19N	E-4M4N	F-22N	F-4W4N	G-7W	G-10M	L-22M
Protocol	HDMI	Ethernet PoE	HDMI (3 extra) DisplayPort (2 extra)	Ethernet PoE	eSATA/SATA	USB 3.0 Ethernet (2 extra)	HDMI (3 extra) DisplayPort (2 extra)
Layout	H-10W	H-37N	H-6W14N	J-44N	J-7W19N	K-19M	G-6M10N
Protocol	USB 3.0 Ethernet (2 extra)		HDMI (3 extra)		HDMI (7 extra) Camera Link	HDMI	

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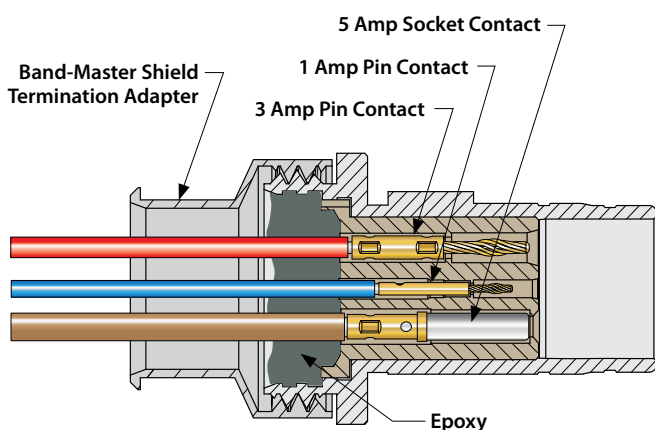


Series 88 SuperFly Series 880 QDC Connectors

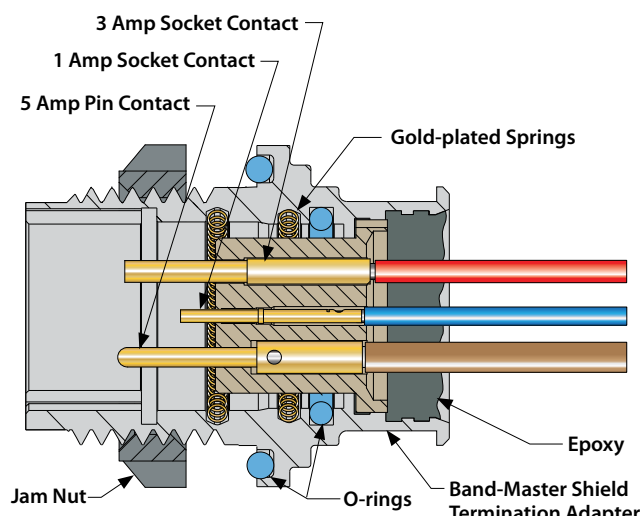
SERIES 880 QUICK-DISCONNECT SUPERFLY CONNECTORS

Compact, ultralightweight SuperFly QDC connectors feature push-pull coupling, EMI shielding and IP67 ingress protection. Available in a variety of layouts and sizes for audio, video, power and data applications, Series 880 connectors are ideal for man-portable electronics where size and weight are prime considerations.

- **Lightweight, Low Profile**
- **Three contact sizes: 5 amp, 3 amp and 1 amp**
- **Meets MIL-STD-810 environmental requirements**
- **Aluminum or SST**

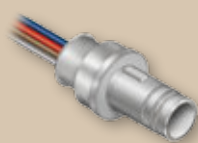


Series 880 QDC Plug



Series 880 QDC Receptacle

**Cable Plug with
Pigtail Wires
880-001P**



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**Overmolded,
Shielded Cable Plug
886-001P, 886-002P**



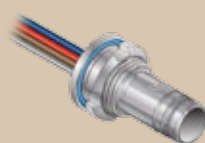
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**Cable Plug with
Soldercup Contacts
880-025P**



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**Panel Plug, Pigtail
Wires, Rear Mount
880-010P**



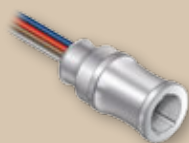
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**Panel Plug, Pigtail
Wires, Front Mount
880-009P**



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**Cable Receptacle
with Pigtail Wires
880-002R**



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**Overmolded Cable
Receptacle
886-003R, 886-004R**



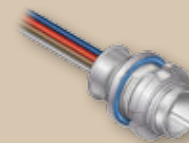
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**Panel Receptacle,
Pigtail, Front Mount
880-003R**



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**Panel Receptacle,
Pigtail, Rear Mount
880-004R**



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Series 88 SuperFly Series 880 QDC Connectors



ABOUT SHROUDED AND UNSHROUDED SUPERFLY CONFIGURATIONS

Shrouded contacts are recessed within the insulator. Unshrouded contacts stick out from the insert face. Figure 1 shows a shrouded insert, and figure 2 illustrates an unshrouded insert. Shrouded inserts contain 1 amp and 3 amp pin contacts along with 5 amp socket contacts.

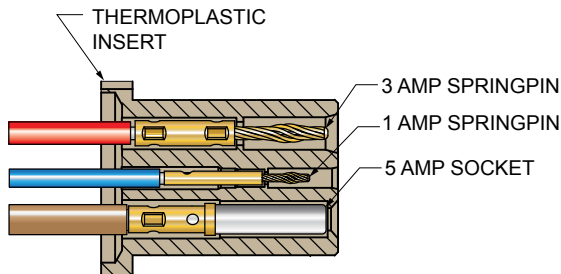


Figure 1
Shrouded Type B Insert

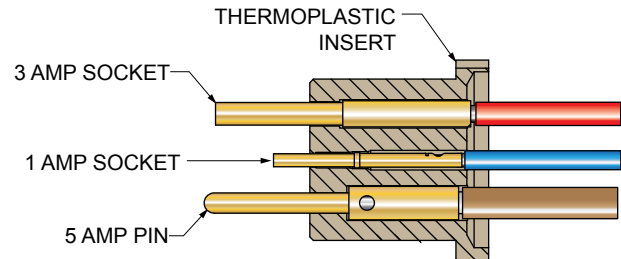


Figure 2
Unshrouded Type A Insert

ABOUT SUPERFLY MATERIALS AND FINISHES

Four standard material and finish options are available.

- 1 Aluminum shell with **Electroless Nickel (EN)**. High reflectivity and poor corrosion resistance make nickel a poor choice for tactical systems, but nickel is preferred for avionics systems, space vehicles, medical equipment and test gear where corrosion is not a primary concern. Nickel is highly conductive and is excellent for EMI-protected systems.
- 2 Aluminum shell with **Black Zinc-Nickel (Zn-Ni)**. Although less conductive than other finishes, non-reflective black Zn-Ni is a typical choice for soldier gear. Corrosion resistance is very good.
- 3 Aluminum shell with **Electroless Nickel-PTFE (EN-PTFE)**. Excellent durability, corrosion resistance and conductivity. Non-reflective EN-PTFE is a primary choice for any harsh environment. Inherently lubricious, resists galling.
- 4 Stainless steel shell with **Electroless Nickel-PTFE (EN-PTFE)**. Suitable for any application where durability takes precedence over weight and cost. Highly conductive and non-reflective Ni-ETFE finish is suitable for aerospace and tactical systems..

Material and Finish Comparison Data

	Alum EN	Alum Zn-Ni	Alum EN-PTFE	SST EN-PTFE
Glenair Code	M	ZR	MT	ZMT
Corrosion Resistance	Poor	Good	Very Good	Excellent
RoHS Compliance*	Yes	Yes	Yes	Yes
Conductivity	Excellent	Good	Excellent	Excellent
Reflectivity	Reflective	Non-reflective	Non-reflective	Non-reflective
Cost	\$	\$\$\$	\$\$\$	\$\$\$\$\$

* Meets DoD directives and European regulations for elimination of cadmium and hexavalent chromate.

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion,Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)

Dimensions in inches (millimeters) and are subject to change without notice.



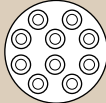
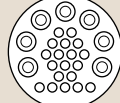
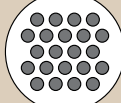
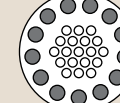
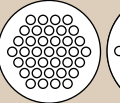
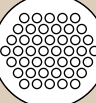
Series 88 SuperFly QDC Cable Plugs with Pigtail Wires 880-001P

QDC CABLE PLUGS WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH



Series 880 Quick-Disconnect (QDC) plugs are pre-wired and sealed with epoxy. In-line plug has integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

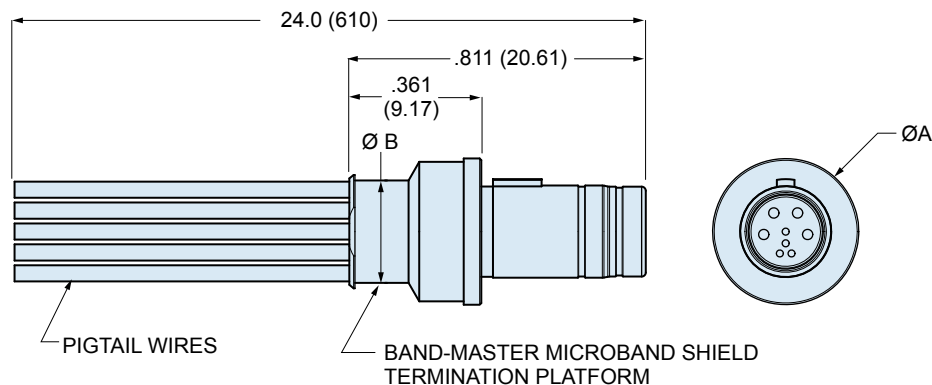
5 AMP	COMBO 5 AMP & 1AMP		3 AMP	COMBO 3 AMP & 1 AMP		1 AMP				
 E3W (3) 5A	 G7W (7) 5A	 D2W2N (2) 5A, (2) 1A	 F4W4N (4) 5A, (4) 1A	 D3M (3) 3A	 G10M (10) 3A	 C2M2N (2) 3A, (2) 1A	 E4M4N (4) 3A, (4) 1A	 B7N (7) 1A	 C10N (10) 1A	 E19N (19) 1A
 H10W (10) 5A	 H6W14N (6) 5A, (14) 1A	 J7W19N (7) 5A, (19) 1A	 K19M (19) 3A	 L22M (22) 3A	 G6M10N (6) 3A, (10) 1A	 K13M19N (13) 3A, (19) 1A	 F22N (22) 1A	 H37N (37) 1A	 J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX		Ø B	
	In.	mm.	In.	mm.
B	.317	8.05	.197	5.00
C	.342	8.69	.222	5.64
D	.355	9.02	.235	5.97
E	.381	9.68	.261	6.63
F	.400	10.16	.280	7.11
G	.422	10.72	.302	7.67
H	.459	11.66	.339	8.61
J	.487	12.37	.369	9.37
K	.509	12.93	.391	9.93
L	.548	13.92	.430	10.92

Dimensions in inches (millimeters) and are subject to change without notice.

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E-Mail: sales@glenair.com

October 2012

Series 88 SuperFly QDC Cable Plugs with Pigtail Wires 880-001P



Series 88 SuperFly

QDC CABLE PLUGS WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-E3W-M200J5-24 880-001PA-E3W-ZR200J5-24 880-001PA-E3W-MT200J5-24 880-001PA-E3W-ZMT200J5-24	880-001PB-E3W-M200J5-24 880-001PB-E3W-ZR200J5-24 880-001PB-E3W-MT200J5-24 880-001PB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-C2M2N-M035J5-24 880-001PA-C2M2N-ZR035J5-24 880-001PA-C2M2N-MT035J5-24 880-001PA-C2M2N-ZMT035J5-24	880-001PB-C2M2N-M035J5-24 880-001PB-C2M2N-ZR035J5-24 880-001PB-C2M2N-MT035J5-24 880-001PB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-G7W-M200J5-24 880-001PA-G7W-ZR200J5-24 880-001PA-G7W-MT200J5-24 880-001PA-G7W-ZMT200J5-24	880-001PB-G7W-M200J5-24 880-001PB-G7W-ZR200J5-24 880-001PB-G7W-MT200J5-24 880-001PB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-E4M4N-M035J5-24 880-001PA-E4M4N-ZR035J5-24 880-001PA-E4M4N-MT035J5-24 880-001PA-E4M4N-ZMT035J5-24	880-001PB-E4M4N-M035J5-24 880-001PB-E4M4N-ZR035J5-24 880-001PB-E4M4N-MT035J5-24 880-001PB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-H10W-M200J5-24 880-001PA-H10W-ZR200J5-24 880-001PA-H10W-MT200J5-24 880-001PA-H10W-ZMT200J5-24	880-001PB-H10W-M200J5-24 880-001PB-H10W-ZR200J5-24 880-001PB-H10W-MT200J5-24 880-001PB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-G6M10N-M035J5-24 880-001PA-G6M10N-ZR035J5-24 880-001PA-G6M10N-MT035J5-24 880-001PA-G6M10N-ZMT035J5-24	880-001PB-G6M10N-M035J5-24 880-001PB-G6M10N-ZR035J5-24 880-001PB-G6M10N-MT035J5-24 880-001PB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-D2W2N-M205J5-24 880-001PA-D2W2N-ZR205J5-24 880-001PA-D2W2N-MT205J5-24 880-001PA-D2W2N-ZMT205J5-24	880-001PB-D2W2N-M205J5-24 880-001PB-D2W2N-ZR205J5-24 880-001PB-D2W2N-MT205J5-24 880-001PB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-K13M19N-M035J5-24 880-001PA-K13M19N-ZR035J5-24 880-001PA-K13M19N-MT035J5-24 880-001PA-K13M19N-ZMT035J5-24	880-001PB-K13M19N-M035J5-24 880-001PB-K13M19N-ZR035J5-24 880-001PB-K13M19N-MT035J5-24 880-001PB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-F4W4N-M205J5-24 880-001PA-F4W4N-ZR205J5-24 880-001PA-F4W4N-MT205J5-24 880-001PA-F4W4N-ZMT205J5-24	880-001PB-F4W4N-M205J5-24 880-001PB-F4W4N-ZR205J5-24 880-001PB-F4W4N-MT205J5-24 880-001PB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-B7N-M005J5-24 880-001PA-B7N-ZR005J5-24 880-001PA-B7N-MT005J5-24 880-001PA-B7N-ZMT005J5-24	880-001PB-B7N-M005J5-24 880-001PB-B7N-ZR005J5-24 880-001PB-B7N-MT005J5-24 880-001PB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-H6W14N-M205J5-24 880-001PA-H6W14N-ZR205J5-24 880-001PA-H6W14N-MT205J5-24 880-001PA-H6W14N-ZMT205J5-24	880-001PB-H6W14N-M205J5-24 880-001PB-H6W14N-ZR205J5-24 880-001PB-H6W14N-MT205J5-24 880-001PB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-C10N-M005J5-24 880-001PA-C10N-ZR005J5-24 880-001PA-C10N-MT005J5-24 880-001PA-C10N-ZMT005J5-24	880-001PB-C10N-M005J5-24 880-001PB-C10N-ZR005J5-24 880-001PB-C10N-MT005J5-24 880-001PB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-J7W19N-M205J5-24 880-001PA-J7W19N-ZR205J5-24 880-001PA-J7W19N-MT205J5-24 880-001PA-J7W19N-ZMT205J5-24	880-001PB-J7W19N-M205J5-24 880-001PB-J7W19N-ZR205J5-24 880-001PB-J7W19N-MT205J5-24 880-001PB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-E19N-M005J5-24 880-001PA-E19N-ZR005J5-24 880-001PA-E19N-MT005J5-24 880-001PA-E19N-ZMT005J5-24	880-001PB-E19N-M005J5-24 880-001PB-E19N-ZR005J5-24 880-001PB-E19N-MT005J5-24 880-001PB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-D3M-M030J5-24 880-001PA-D3M-ZR030J5-24 880-001PA-D3M-MT030J5-24 880-001PA-D3M-ZMT030J5-24	880-001PB-D3M-M030J5-24 880-001PB-D3M-ZR030J5-24 880-001PB-D3M-MT030J5-24 880-001PB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-F22N-M005J5-24 880-001PA-F22N-ZR005J5-24 880-001PA-F22N-MT005J5-24 880-001PA-F22N-ZMT005J5-24	880-001PB-F22N-M005J5-24 880-001PB-F22N-ZR005J5-24 880-001PB-F22N-MT005J5-24 880-001PB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-G10M-M030J5-24 880-001PA-G10M-ZR030J5-24 880-001PA-G10M-MT030J5-24 880-001PA-G10M-ZMT030J5-24	880-001PB-G10M-M030J5-24 880-001PB-G10M-ZR030J5-24 880-001PB-G10M-MT030J5-24 880-001PB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-H37N-M005J5-24 880-001PA-H37N-ZR005J5-24 880-001PA-H37N-MT005J5-24 880-001PA-H37N-ZMT005J5-24	880-001PB-H37N-M005J5-24 880-001PB-H37N-ZR005J5-24 880-001PB-H37N-MT005J5-24 880-001PB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-K19M-M030J5-24 880-001PA-K19M-ZR030J5-24 880-001PA-K19M-MT030J5-24 880-001PA-K19M-ZMT030J5-24	880-001PB-K19M-M030J5-24 880-001PB-K19M-ZR030J5-24 880-001PB-K19M-MT030J5-24 880-001PB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-J44N-M005J5-24 880-001PA-J44N-ZR005J5-24 880-001PA-J44N-MT005J5-24 880-001PA-J44N-ZMT005J5-24	880-001PB-J44N-M005J5-24 880-001PB-J44N-ZR005J5-24 880-001PB-J44N-MT005J5-24 880-001PB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-001PA-L22M-M030J5-24 880-001PA-L22M-ZR030J5-24 880-001PA-L22M-MT030J5-24 880-001PA-L22M-ZMT030J5-24	880-001PB-L22M-M030J5-24 880-001PB-L22M-ZR030J5-24 880-001PB-L22M-MT030J5-24 880-001PB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator



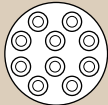
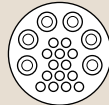
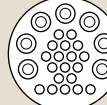
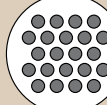
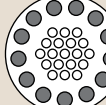
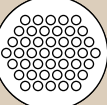
Series 88 SuperFly QDC Plugs with Pigtail Wires 880-009P Panel Plugs, Front Mount

QDC PANEL PLUGS, FRONT MOUNT, WITH PIGTAIL WIRES, 24 INCHES



Series 880 Quick-Disconnect (QDC) plugs are pre-wired and sealed with epoxy. Supplied with jam nut and o-ring. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for soldier systems and other applications where reduced size and weight are critical.

Contact Arrangements

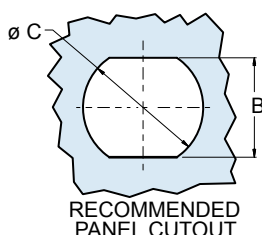
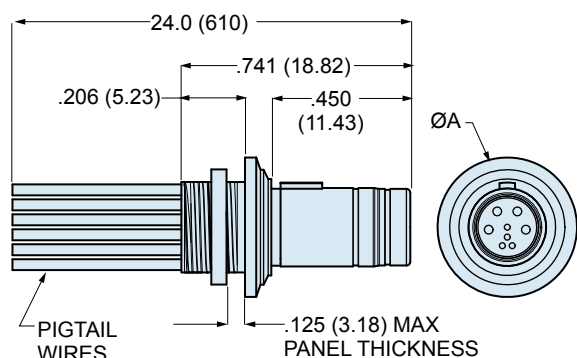
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
										
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
										
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX	B	Ø C
	In. mm.	In. mm.	In. mm.
B	.372 9.45	.217 5.51	.262 6.65
C	.392 9.96	.236 5.99	.282 7.16
D	.412 10.46	.256 6.50	.302 7.67
E	.431 10.95	.276 7.01	.321 8.15
F	.451 11.46	.296 7.52	.341 8.66
G	.470 11.94	.314 7.98	.360 9.14
H	.510 12.95	.354 8.99	.400 10.16
J	.549 13.94	.394 10.01	.439 11.15
K	.569 14.45	.413 10.49	.459 11.66
L	.608 15.44	.453 11.51	.498 12.65

**Series 88 SuperFly
QDC Plugs with Pigtail Wires
880-009P Panel Plugs, Front Mount**



Series 88 SuperFly

QDC PANEL PLUGS, FRONT MOUNT, WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-E3W-M200J5-24 880-009PA-E3W-ZR200J5-24 880-009PA-E3W-MT200J5-24 880-009PA-E3W-ZMT200J5-24	880-009PB-E3W-M200J5-24 880-009PB-E3W-ZR200J5-24 880-009PB-E3W-MT200J5-24 880-009PB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-C2M2N-M035J5-24 880-009PA-C2M2N-ZR035J5-24 880-009PA-C2M2N-MT035J5-24 880-009PA-C2M2N-ZMT035J5-24	880-009PB-C2M2N-M035J5-24 880-009PB-C2M2N-ZR035J5-24 880-009PB-C2M2N-MT035J5-24 880-009PB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-G7W-M200J5-24 880-009PA-G7W-ZR200J5-24 880-009PA-G7W-MT200J5-24 880-009PA-G7W-ZMT200J5-24	880-009PB-G7W-M200J5-24 880-009PB-G7W-ZR200J5-24 880-009PB-G7W-MT200J5-24 880-009PB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-E4M4N-M035J5-24 880-009PA-E4M4N-ZR035J5-24 880-009PA-E4M4N-MT035J5-24 880-009PA-E4M4N-ZMT035J5-24	880-009PB-E4M4N-M035J5-24 880-009PB-E4M4N-ZR035J5-24 880-009PB-E4M4N-MT035J5-24 880-009PB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-H10W-M200J5-24 880-009PA-H10W-ZR200J5-24 880-009PA-H10W-MT200J5-24 880-009PA-H10W-ZMT200J5-24	880-009PB-H10W-M200J5-24 880-009PB-H10W-ZR200J5-24 880-009PB-H10W-MT200J5-24 880-009PB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-G6M10N-M035J5-24 880-009PA-G6M10N-ZR035J5-24 880-009PA-G6M10N-MT035J5-24 880-009PA-G6M10N-ZMT035J5-24	880-009PB-G6M10N-M035J5-24 880-009PB-G6M10N-ZR035J5-24 880-009PB-G6M10N-MT035J5-24 880-009PB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-D2W2N-M205J5-24 880-009PA-D2W2N-ZR205J5-24 880-009PA-D2W2N-MT205J5-24 880-009PA-D2W2N-ZMT205J5-24	880-009PB-D2W2N-M205J5-24 880-009PB-D2W2N-ZR205J5-24 880-009PB-D2W2N-MT205J5-24 880-009PB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-K13M19N-M035J5-24 880-009PA-K13M19N-ZR035J5-24 880-009PA-K13M19N-MT035J5-24 880-009PA-K13M19N-ZMT035J5-24	880-009PB-K13M19N-M035J5-24 880-009PB-K13M19N-ZR035J5-24 880-009PB-K13M19N-MT035J5-24 880-009PB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-F4W4N-M205J5-24 880-009PA-F4W4N-ZR205J5-24 880-009PA-F4W4N-MT205J5-24 880-009PA-F4W4N-ZMT205J5-24	880-009PB-F4W4N-M205J5-24 880-009PB-F4W4N-ZR205J5-24 880-009PB-F4W4N-MT205J5-24 880-009PB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-B7N-M005J5-24 880-009PA-B7N-ZR005J5-24 880-009PA-B7N-MT005J5-24 880-009PA-B7N-ZMT005J5-24	880-009PB-B7N-M005J5-24 880-009PB-B7N-ZR005J5-24 880-009PB-B7N-MT005J5-24 880-009PB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-H6W14N-M205J5-24 880-009PA-H6W14N-ZR205J5-24 880-009PA-H6W14N-MT205J5-24 880-009PA-H6W14N-ZMT205J5-24	880-009PB-H6W14N-M205J5-24 880-009PB-H6W14N-ZR205J5-24 880-009PB-H6W14N-MT205J5-24 880-009PB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-C10N-M005J5-24 880-009PA-C10N-ZR005J5-24 880-009PA-C10N-MT005J5-24 880-009PA-C10N-ZMT005J5-24	880-009PB-C10N-M005J5-24 880-009PB-C10N-ZR005J5-24 880-009PB-C10N-MT005J5-24 880-009PB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-J7W19N-M205J5-24 880-009PA-J7W19N-ZR205J5-24 880-009PA-J7W19N-MT205J5-24 880-009PA-J7W19N-ZMT205J5-24	880-009PB-J7W19N-M205J5-24 880-009PB-J7W19N-ZR205J5-24 880-009PB-J7W19N-MT205J5-24 880-009PB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-E19N-M005J5-24 880-009PA-E19N-ZR005J5-24 880-009PA-E19N-MT005J5-24 880-009PA-E19N-ZMT005J5-24	880-009PB-E19N-M005J5-24 880-009PB-E19N-ZR005J5-24 880-009PB-E19N-MT005J5-24 880-009PB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-D3M-M030J5-24 880-009PA-D3M-ZR030J5-24 880-009PA-D3M-MT030J5-24 880-009PA-D3M-ZMT030J5-24	880-009PB-D3M-M030J5-24 880-009PB-D3M-ZR030J5-24 880-009PB-D3M-MT030J5-24 880-009PB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-F22N-M005J5-24 880-009PA-F22N-ZR005J5-24 880-009PA-F22N-MT005J5-24 880-009PA-F22N-ZMT005J5-24	880-009PB-F22N-M005J5-24 880-009PB-F22N-ZR005J5-24 880-009PB-F22N-MT005J5-24 880-009PB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-G10M-M030J5-24 880-009PA-G10M-ZR030J5-24 880-009PA-G10M-MT030J5-24 880-009PA-G10M-ZMT030J5-24	880-009PB-G10M-M030J5-24 880-009PB-G10M-ZR030J5-24 880-009PB-G10M-MT030J5-24 880-009PB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-H37N-M005J5-24 880-009PA-H37N-ZR005J5-24 880-009PA-H37N-MT005J5-24 880-009PA-H37N-ZMT005J5-24	880-009PB-H37N-M005J5-24 880-009PB-H37N-ZR005J5-24 880-009PB-H37N-MT005J5-24 880-009PB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-K19M-M030J5-24 880-009PA-K19M-ZR030J5-24 880-009PA-K19M-MT030J5-24 880-009PA-K19M-ZMT030J5-24	880-009PB-K19M-M030J5-24 880-009PB-K19M-ZR030J5-24 880-009PB-K19M-MT030J5-24 880-009PB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-J44N-M005J5-24 880-009PA-J44N-ZR005J5-24 880-009PA-J44N-MT005J5-24 880-009PA-J44N-ZMT005J5-24	880-009PB-J44N-M005J5-24 880-009PB-J44N-ZR005J5-24 880-009PB-J44N-MT005J5-24 880-009PB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-009PA-L22M-M030J5-24 880-009PA-L22M-ZR030J5-24 880-009PA-L22M-MT030J5-24 880-009PA-L22M-ZMT030J5-24	880-009PB-L22M-M030J5-24 880-009PB-L22M-ZR030J5-24 880-009PB-L22M-MT030J5-24 880-009PB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly QDC Plugs with Pigtail Wires 880-010P Panel Plugs, Rear Mount

QDC PANEL PLUGS, REAR MOUNT, WITH PIGTAIL WIRES, 24 INCHES



Series 880 Quick-Disconnect (QDC) plugs are pre-wired and sealed with epoxy. Supplied with jam nut and o-ring. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for soldier systems and other applications where reduced size and weight are critical.

Contact Arrangements

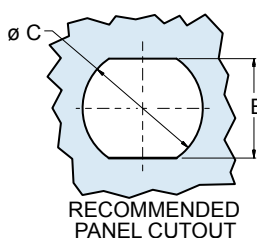
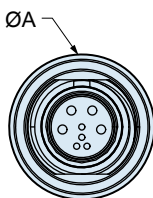
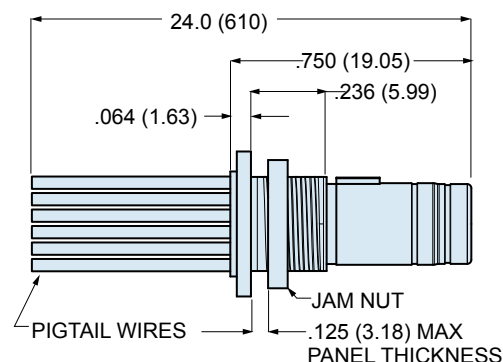
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX		B		Ø C	
	In.	mm.	In.	mm.	In.	mm.
B	.392	9.45	.236	5.99	.397	10.08
C	.412	9.96	.256	6.50	.417	10.59
D	.432	10.97	.276	7.01	.436	11.07
E	.451	11.46	.296	7.52	.456	11.58
F	.471	11.96	.315	8.00	.476	12.09
G	.490	12.45	.335	8.51	.495	12.57
H	.530	13.46	.374	9.50	.534	13.56
J	.569	14.45	.414	10.52	.574	14.58
K	.589	14.96	.433	11.00	.593	15.06
L	.628	15.95	.472	11.99	.633	16.08

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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October 2012

**Series 88 SuperFly
QDC Plugs with Pigtail Wires
880-010P Panel Plugs, Rear Mount**



Series 88 SuperFly

QDC PANEL PLUGS, REAR MOUNT, WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-E3W-M200J5-24 880-010PA-E3W-ZR200J5-24 880-010PA-E3W-MT200J5-24 880-010PA-E3W-ZMT200J5-24	880-010PB-E3W-M200J5-24 880-010PB-E3W-ZR200J5-24 880-010PB-E3W-MT200J5-24 880-010PB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-C2M2N-M035J5-24 880-010PA-C2M2N-ZR035J5-24 880-010PA-C2M2N-MT035J5-24 880-010PA-C2M2N-ZMT035J5-24	880-010PB-C2M2N-M035J5-24 880-010PB-C2M2N-ZR035J5-24 880-010PB-C2M2N-MT035J5-24 880-010PB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-G7W-M200J5-24 880-010PA-G7W-ZR200J5-24 880-010PA-G7W-MT200J5-24 880-010PA-G7W-ZMT200J5-24	880-010PB-G7W-M200J5-24 880-010PB-G7W-ZR200J5-24 880-010PB-G7W-MT200J5-24 880-010PB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-E4M4N-M035J5-24 880-010PA-E4M4N-ZR035J5-24 880-010PA-E4M4N-MT035J5-24 880-010PA-E4M4N-ZMT035J5-24	880-010PB-E4M4N-M035J5-24 880-010PB-E4M4N-ZR035J5-24 880-010PB-E4M4N-MT035J5-24 880-010PB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-H10W-M200J5-24 880-010PA-H10W-ZR200J5-24 880-010PA-H10W-MT200J5-24 880-010PA-H10W-ZMT200J5-24	880-010PB-H10W-M200J5-24 880-010PB-H10W-ZR200J5-24 880-010PB-H10W-MT200J5-24 880-010PB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-G6M10N-M035J5-24 880-010PA-G6M10N-ZR035J5-24 880-010PA-G6M10N-MT035J5-24 880-010PA-G6M10N-ZMT035J5-24	880-010PB-G6M10N-M035J5-24 880-010PB-G6M10N-ZR035J5-24 880-010PB-G6M10N-MT035J5-24 880-010PB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-D2W2N-M205J5-24 880-010PA-D2W2N-ZR205J5-24 880-010PA-D2W2N-MT205J5-24 880-010PA-D2W2N-ZMT205J5-24	880-010PB-D2W2N-M205J5-24 880-010PB-D2W2N-ZR205J5-24 880-010PB-D2W2N-MT205J5-24 880-010PB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-K13M19N-M035J5-24 880-010PA-K13M19N-ZR035J5-24 880-010PA-K13M19N-MT035J5-24 880-010PA-K13M19N-ZMT035J5-24	880-010PB-K13M19N-M035J5-24 880-010PB-K13M19N-ZR035J5-24 880-010PB-K13M19N-MT035J5-24 880-010PB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-F4W4N-M205J5-24 880-010PA-F4W4N-ZR205J5-24 880-010PA-F4W4N-MT205J5-24 880-010PA-F4W4N-ZMT205J5-24	880-010PB-F4W4N-M205J5-24 880-010PB-F4W4N-ZR205J5-24 880-010PB-F4W4N-MT205J5-24 880-010PB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-B7N-M005J5-24 880-010PA-B7N-ZR005J5-24 880-010PA-B7N-MT005J5-24 880-010PA-B7N-ZMT005J5-24	880-010PB-B7N-M005J5-24 880-010PB-B7N-ZR005J5-24 880-010PB-B7N-MT005J5-24 880-010PB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-H6W14N-M205J5-24 880-010PA-H6W14N-ZR205J5-24 880-010PA-H6W14N-MT205J5-24 880-010PA-H6W14N-ZMT205J5-24	880-010PB-H6W14N-M205J5-24 880-010PB-H6W14N-ZR205J5-24 880-010PB-H6W14N-MT205J5-24 880-010PB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-C10N-M005J5-24 880-010PA-C10N-ZR005J5-24 880-010PA-C10N-MT005J5-24 880-010PA-C10N-ZMT005J5-24	880-010PB-C10N-M005J5-24 880-010PB-C10N-ZR005J5-24 880-010PB-C10N-MT005J5-24 880-010PB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-J7W19N-M205J5-24 880-010PA-J7W19N-ZR205J5-24 880-010PA-J7W19N-MT205J5-24 880-010PA-J7W19N-ZMT205J5-24	880-010PB-J7W19N-M205J5-24 880-010PB-J7W19N-ZR205J5-24 880-010PB-J7W19N-MT205J5-24 880-010PB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-E19N-M005J5-24 880-010PA-E19N-ZR005J5-24 880-010PA-E19N-MT005J5-24 880-010PA-E19N-ZMT005J5-24	880-010PB-E19N-M005J5-24 880-010PB-E19N-ZR005J5-24 880-010PB-E19N-MT005J5-24 880-010PB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-D3M-M030J5-24 880-010PA-D3M-ZR030J5-24 880-010PA-D3M-MT030J5-24 880-010PA-D3M-ZMT030J5-24	880-010PB-D3M-M030J5-24 880-010PB-D3M-ZR030J5-24 880-010PB-D3M-MT030J5-24 880-010PB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-F22N-M005J5-24 880-010PA-F22N-ZR005J5-24 880-010PA-F22N-MT005J5-24 880-010PA-F22N-ZMT005J5-24	880-010PB-F22N-M005J5-24 880-010PB-F22N-ZR005J5-24 880-010PB-F22N-MT005J5-24 880-010PB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-G10M-M030J5-24 880-010PA-G10M-ZR030J5-24 880-010PA-G10M-MT030J5-24 880-010PA-G10M-ZMT030J5-24	880-010PB-G10M-M030J5-24 880-010PB-G10M-ZR030J5-24 880-010PB-G10M-MT030J5-24 880-010PB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-H37N-M005J5-24 880-010PA-H37N-ZR005J5-24 880-010PA-H37N-MT005J5-24 880-010PA-H37N-ZMT005J5-24	880-010PB-H37N-M005J5-24 880-010PB-H37N-ZR005J5-24 880-010PB-H37N-MT005J5-24 880-010PB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-K19M-M030J5-24 880-010PA-K19M-ZR030J5-24 880-010PA-K19M-MT030J5-24 880-010PA-K19M-ZMT030J5-24	880-010PB-K19M-M030J5-24 880-010PB-K19M-ZR030J5-24 880-010PB-K19M-MT030J5-24 880-010PB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-J44N-M005J5-24 880-010PA-J44N-ZR005J5-24 880-010PA-J44N-MT005J5-24 880-010PA-J44N-ZMT005J5-24	880-010PB-J44N-M005J5-24 880-010PB-J44N-ZR005J5-24 880-010PB-J44N-MT005J5-24 880-010PB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-010PA-L22M-M030J5-24 880-010PA-L22M-ZR030J5-24 880-010PA-L22M-MT030J5-24 880-010PA-L22M-ZMT030J5-24	880-010PB-L22M-M030J5-24 880-010PB-L22M-ZR030J5-24 880-010PB-L22M-MT030J5-24 880-010PB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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October 2012



Series 88 SuperFly QDC Plugs with Solder Cups 880-025P

QDC PLUGS WITH SOLDER CUPS



880-025P cable plugs with solder cup contacts for soldering to wires. Thread-on rear adapter allows access to contacts. Install cable shield braid directly to connector with Band-Master strap. Three contact sizes are available, 5A (#22 AWG), 3A (#26 AWG) and 1A (#30 AWG). Aluminum or stainless steel housings, thermoplastic insulator. High performance contacts meet mil spec requirements. Ultraminiature SuperFly connectors are ideal for soldier systems and other applications where reduced size and weight are a must.

Contact Arrangements

5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
										
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
										
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Wire Size	#24 AWG	#26 AWG	#30 AWG
Insulation Resistance	5000 megohms minimum		
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		

Materials and Finishes

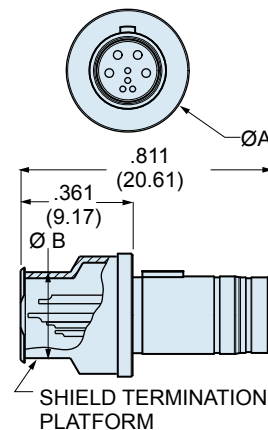
Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy (pin), copper alloy, 50 microinches gold over nickel finish (socket)
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy

ABOUT SUPERFLY MATERIAL AND FINISH CHOICES

Superfly connectors are available in aluminum or stainless steel. Aluminum connectors are available in three standard finishes. **Electroless Nickel**- highly conductive, not suitable for corrosive environments. **Black Zinc-Nickel**- preferred for soldier gear. Good corrosion resistance and conductivity. Non-reflective. **Nickel-ETFE**- excellent durability, corrosion resistance and conductivity. Non-reflective. **Stainless steel** SuperFly connectors are plated with nickel-ETFE and are suitable for any application where durability takes precedence over weight and cost.

Dimensions

Shell Size	Ø A MAX		Ø B	
	In.	mm.	In.	mm.
B	.317	8.05	.197	5.00
C	.342	8.69	.222	5.64
D	.355	9.02	.235	5.97
E	.381	9.68	.261	6.63
F	.400	10.16	.280	7.11
G	.422	10.72	.302	7.67
H	.459	11.66	.339	8.61
J	.487	12.37	.369	9.37
K	.509	12.93	.391	9.93
L	.548	13.92	.430	10.92



Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012

Series 88 SuperFly QDC Plugs with Solder Cups 880-025P



Series 88 SuperFly

SUPERFLY QDC PLUGS WITH SOLDER CUPS

Layout	No. of Cont.	Shell Material/ Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Shell Material/ Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-E3WM 886-025PA-E3WZR 886-025PA-E3WMT 886-025PA-E3WZMT	880-025PB-E3WM 886-025PB-E3WZR 886-025PB-E3WMT 886-025PB-E3WZMT		(2) 3A, (2) 1A C2M2N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-C2M2NM 886-025PA-C2M2NZR 886-025PA-C2M2NMT 886-025PA-C2M2NZMT	880-025PB-C2M2NM 886-025PB-C2M2NZR 886-025PB-C2M2NMT 886-025PB-C2M2NZMT
	(7) 5A G7W	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-G7WM 886-025PA-G7WZR 886-025PA-G7WMT 886-025PA-G7WZMT	886-025PB-G7WM 886-025PB-G7WZR 886-025PB-G7WMT 886-025PB-G7WZMT		(4) 3A, (4) 1A E4M4N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-E4M4NM 886-025PA-E4M4NZR 886-025PA-E4M4NMT 886-025PA-E4M4NZMT	886-025PB-E4M4NM 886-025PB-E4M4NZR 886-025PB-E4M4NMT 886-025PB-E4M4NZMT
	(10) 5A H10W	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-H10WM 886-025PA-H10WZR 886-025PA-H10WMT 886-025PA-H10WZMT	886-025PB-H10WM 886-025PB-H10WZR 886-025PB-H10WMT 886-025PB-H10WZMT		(6) 3A, (10) 1A G6M10N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-G6M10NM 886-025PA-G6M10NZR 886-025PA-G6M10NMT 886-025PA-G6M10NZMT	886-025PB-G6M10NM 886-025PB-G6M10NZR 886-025PB-G6M10NMT 886-025PB-G6M10NZMT
	(2) 5A (2) 1A D2W2N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-D2W2NM 886-025PA-D2W2NZR 886-025PA-D2W2NMT 886-025PA-D2W2NZMT	880-025PB-D2W2NM 886-025PB-D2W2NZR 886-025PB-D2W2NMT 886-025PB-D2W2NZMT		(13) 3A, (19) 1A G13M19N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-K13M19NM 886-025PA-K13M19NZR 886-025PA-K13M19NMT 886-025PA-K13M19NZMT	880-025PB-K13M19NM 886-025PB-K13M19NZR 886-025PB-K13M19NMT 886-025PB-K13M19NZMT
	(4) 5A (4) 1A F4W4N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-F4W4NM 886-025PA-F4W4NZR 886-025PA-F4W4NMT 886-025PA-F4W4NZMT	886-025PB-F4W4NM 886-025PB-F4W4NZR 886-025PB-F4W4NMT 886-025PB-F4W4NZMT		(7) 1A B7N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-B7NM 886-025PA-B7NZR 886-025PA-B7NMT 886-025PA-B7NZMT	880-025PB-B7NM 886-025PB-B7NZR 886-025PB-B7NMT 886-025PB-B7NZMT
	(6) 5A (14) 1A H6W14N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-H6W14NM 886-025PA-H6W14NZR 886-025PA-H6W14NMT 886-025PA-H6W14NZMT	886-025PB-H6W14NM 886-025PB-H6W14NZR 886-025PB-H6W14NMT 886-025PB-H6W14NZMT		(10) 1A C10N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-C10NM 886-025PA-C10NZR 886-025PA-C10NMT 886-025PA-C10NZMT	880-025PB-C10NM 886-025PB-C10NZR 886-025PB-C10NMT 886-025PB-C10NZMT
	(7) 5A (19) 1A J7W19N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-J7W19NM 886-025PA-J7W19NZR 886-025PA-J7W19NMT 886-025PA-J7W19NZMT	880-025PB-J7W19NM 886-025PB-J7W19NZR 886-025PB-J7W19NMT 886-025PB-J7W19NZMT		(19) 1A E19N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-E19NM 886-025PA-E19NZR 886-025PA-E19NMT 886-025PA-E19NZMT	880-025PB-E19NM 886-025PB-E19NZR 886-025PB-E19NMT 886-025PB-E19NZMT
	(3) 3A D3M	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-D3MM 886-025PA-D3MZR 886-025PA-D3MMT 886-025PA-D3MZMT	880-025PB-D3MM 886-025PB-D3MZR 886-025PB-D3MMT 886-025PB-D3MZMT		(22) 1A F22N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-F22NM 886-025PA-F22NZR 886-025PA-F22NMT 886-025PA-F22NZMT	880-025PB-F22NM 886-025PB-F22NZR 886-025PB-F22NMT 886-025PB-F22NZMT
	(10) 3A G10M	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-G10MM 886-025PA-G10MZR 886-025PA-G10MMT 886-025PA-G10MZMT	886-025PB-G10MM 886-025PB-G10MZR 886-025PB-G10MMT 886-025PB-G10MZMT		(37) 1A H37N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-H37NM 886-025PA-H37NZR 886-025PA-H37NMT 886-025PA-H37NZMT	880-025PB-H37NM 886-025PB-H37NZR 886-025PB-H37NMT 886-025PB-H37NZMT
	(19) 3A K19M	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	886-025PA-K19MM 886-025PA-K19MZR 886-025PA-K19MMT 886-025PA-K19MZMT	886-025PB-K19MM 886-025PB-K19MZR 886-025PB-K19MMT 886-025PB-K19MZMT		(44) 1A J44N	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-J44NM 886-025PA-J44NZR 886-025PA-J44NMT 886-025PA-J44NZMT	880-025PB-J44NM 886-025PB-J44NZR 886-025PB-J44NMT 886-025PB-J44NZMT
	(22) 3A L22M	Alum/Nickel Alum/Black Zinc-Nickel Alum/Nickel-PTFE SST/Nickel-PTFE	880-025PA-L22MM 886-025PA-L22MZR 886-025PA-L22MMT 886-025PA-L22MZMT	880-025PB-L22MM 886-025PB-L22MZR 886-025PB-L22MMT 886-025PB-L22MZMT					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly QDC Cable Receptacles with Pigtail Wires 880-002R

QDC CABLE RECEPTACLES WITH PIGTAIL WIRES, 24 INCHES LENGTH



Series 880 Quick-Disconnect (QDC) receptacles are pre-wired and sealed with epoxy. In-line receptacle has integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for soldier systems and other applications where reduced size and weight are critical.

Contact Arrangements

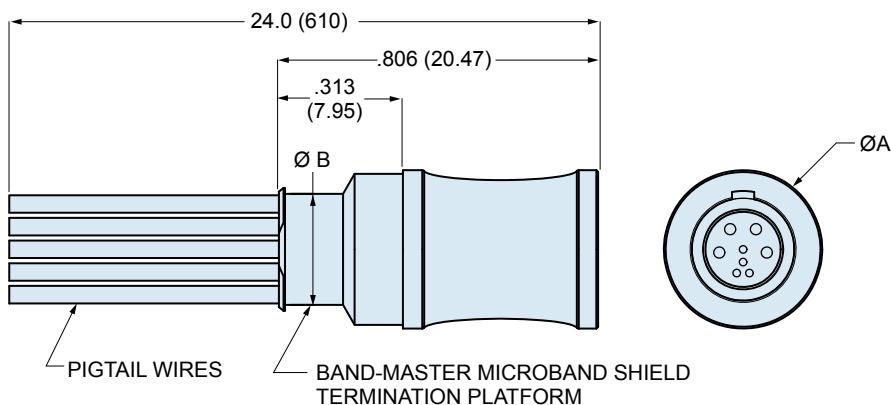
5 AMP		COMBO 5 AMP & 1 AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX		Ø B	
	In.	mm.	In.	mm.
B	.317	8.05	.197	5.00
C	.342	8.69	.222	5.64
D	.355	9.02	.235	5.97
E	.381	9.68	.261	6.63
F	.400	10.16	.280	7.11
G	.422	10.72	.302	7.67
H	.459	11.66	.339	8.61
J	.487	12.37	.369	9.37
K	.509	12.93	.391	9.93
L	.548	13.92	.430	10.92

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October 2012

Series 88 SuperFly

QDC Cable Receptacles with Pigtail Wires

880-002R



Series 88 SuperFly

QDC CABLE RECEPTACLES WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-E3W-M200J5-24 880-002RA-E3W-ZR200J5-24 880-002RA-E3W-MT200J5-24 880-002RA-E3W-ZMT200J5-24	880-002RB-E3W-M200J5-24 880-002RB-E3W-ZR200J5-24 880-002RB-E3W-MT200J5-24 880-002RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-C2M2N-M035J5-24 880-002RA-C2M2N-ZR035J5-24 880-002RA-C2M2N-MT035J5-24 880-002RA-C2M2N-ZMT035J5-24	880-002RB-C2M2N-M035J5-24 880-002RB-C2M2N-ZR035J5-24 880-002RB-C2M2N-MT035J5-24 880-002RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-G7W-M200J5-24 880-002RA-G7W-ZR200J5-24 880-002RA-G7W-MT200J5-24 880-002RA-G7W-ZMT200J5-24	880-002RB-G7W-M200J5-24 880-002RB-G7W-ZR200J5-24 880-002RB-G7W-MT200J5-24 880-002RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-E4M4N-M035J5-24 880-002RA-E4M4N-ZR035J5-24 880-002RA-E4M4N-MT035J5-24 880-002RA-E4M4N-ZMT035J5-24	880-002RB-E4M4N-M035J5-24 880-002RB-E4M4N-ZR035J5-24 880-002RB-E4M4N-MT035J5-24 880-002RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-H10W-M200J5-24 880-002RA-H10W-ZR200J5-24 880-002RA-H10W-MT200J5-24 880-002RA-H10W-ZMT200J5-24	880-002RB-H10W-M200J5-24 880-002RB-H10W-ZR200J5-24 880-002RB-H10W-MT200J5-24 880-002RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-G6M10N-M035J5-24 880-002RA-G6M10N-ZR035J5-24 880-002RA-G6M10N-MT035J5-24 880-002RA-G6M10N-ZMT035J5-24	880-002RB-G6M10N-M035J5-24 880-002RB-G6M10N-ZR035J5-24 880-002RB-G6M10N-MT035J5-24 880-002RB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-D2W2N-M205J5-24 880-002RA-D2W2N-ZR205J5-24 880-002RA-D2W2N-MT205J5-24 880-002RA-D2W2N-ZMT205J5-24	880-002RB-D2W2N-M205J5-24 880-002RB-D2W2N-ZR205J5-24 880-002RB-D2W2N-MT205J5-24 880-002RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-G13M19N-M035J5-24 880-002RA-G13M19N-ZR035J5-24 880-002RA-G13M19N-MT035J5-24 880-002RA-G13M19N-ZMT035J5-24	880-002RB-G13M19N-M035J5-24 880-002RB-G13M19N-ZR035J5-24 880-002RB-G13M19N-MT035J5-24 880-002RB-G13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-F4W4N-M205J5-24 880-002RA-F4W4N-ZR205J5-24 880-002RA-F4W4N-MT205J5-24 880-002RA-F4W4N-ZMT205J5-24	880-002RB-F4W4N-M205J5-24 880-002RB-F4W4N-ZR205J5-24 880-002RB-F4W4N-MT205J5-24 880-002RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-B7N-M005J5-24 880-002RA-B7N-ZR005J5-24 880-002RA-B7N-MT005J5-24 880-002RA-B7N-ZMT005J5-24	880-002RB-B7N-M005J5-24 880-002RB-B7N-ZR005J5-24 880-002RB-B7N-MT005J5-24 880-002RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-H6W14N-M205J5-24 880-002RA-H6W14N-ZR205J5-24 880-002RA-H6W14N-MT205J5-24 880-002RA-H6W14N-ZMT205J5-24	880-002RB-H6W14N-M205J5-24 880-002RB-H6W14N-ZR205J5-24 880-002RB-H6W14N-MT205J5-24 880-002RB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-C10N-M005J5-24 880-002RA-C10N-ZR005J5-24 880-002RA-C10N-MT005J5-24 880-002RA-C10N-ZMT005J5-24	880-002RB-C10N-M005J5-24 880-002RB-C10N-ZR005J5-24 880-002RB-C10N-MT005J5-24 880-002RB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-J7W19N-M205J5-24 880-002RA-J7W19N-ZR205J5-24 880-002RA-J7W19N-MT205J5-24 880-002RA-J7W19N-ZMT205J5-24	880-002RB-J7W19N-M205J5-24 880-002RB-J7W19N-ZR205J5-24 880-002RB-J7W19N-MT205J5-24 880-002RB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-E19N-M005J5-24 880-002RA-E19N-ZR005J5-24 880-002RA-E19N-MT005J5-24 880-002RA-E19N-ZMT005J5-24	880-002RB-E19N-M005J5-24 880-002RB-E19N-ZR005J5-24 880-002RB-E19N-MT005J5-24 880-002RB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-D3M-M030J5-24 880-002RA-D3M-ZR030J5-24 880-002RA-D3M-MT030J5-24 880-002RA-D3M-ZMT030J5-24	880-002RB-D3M-M030J5-24 880-002RB-D3M-ZR030J5-24 880-002RB-D3M-MT030J5-24 880-002RB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-F22N-M005J5-24 880-002RA-F22N-ZR005J5-24 880-002RA-F22N-MT005J5-24 880-002RA-F22N-ZMT005J5-24	880-002RB-F22N-M005J5-24 880-002RB-F22N-ZR005J5-24 880-002RB-F22N-MT005J5-24 880-002RB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-G10M-M030J5-24 880-002RA-G10M-ZR030J5-24 880-002RA-G10M-MT030J5-24 880-002RA-G10M-ZMT030J5-24	880-002RB-G10M-M030J5-24 880-002RB-G10M-ZR030J5-24 880-002RB-G10M-MT030J5-24 880-002RB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-H37N-M005J5-24 880-002RA-H37N-ZR005J5-24 880-002RA-H37N-MT005J5-24 880-002RA-H37N-ZMT005J5-24	880-002RB-H37N-M005J5-24 880-002RB-H37N-ZR005J5-24 880-002RB-H37N-MT005J5-24 880-002RB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-K19M-M030J5-24 880-002RA-K19M-ZR030J5-24 880-002RA-K19M-MT030J5-24 880-002RA-K19M-ZMT030J5-24	880-002RB-K19M-M030J5-24 880-002RB-K19M-ZR030J5-24 880-002RB-K19M-MT030J5-24 880-002RB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-J44N-M005J5-24 880-002RA-J44N-ZR005J5-24 880-002RA-J44N-MT005J5-24 880-002RA-J44N-ZMT005J5-24	880-002RB-J44N-M005J5-24 880-002RB-J44N-ZR005J5-24 880-002RB-J44N-MT005J5-24 880-002RB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-002RA-L22M-M030J5-24 880-002RA-L22M-ZR030J5-24 880-002RA-L22M-MT030J5-24 880-002RA-L22M-ZMT030J5-24	880-002RB-L22M-M030J5-24 880-002RB-L22M-ZR030J5-24 880-002RB-L22M-MT030J5-24 880-002RB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator



Series 88 SuperFly

QDC Front Panel Mount Receptacles with Pigtail Wires

880-003R

QDC FRONT PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 IN.



Series 880 Quick-Disconnect (QDC) receptacles are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

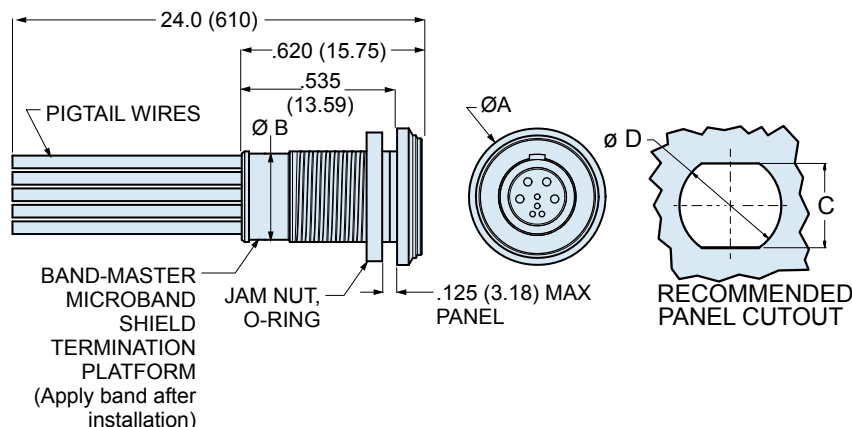
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX		B		C		Ø D	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.
B	.392	9.45	.236	5.99	.236	5.99	.282	7.16
C	.412	9.96	.256	6.50	.256	6.50	.302	7.67
D	.432	10.97	.276	7.01	.276	7.01	.321	8.15
E	.451	11.46	.296	7.52	.296	7.52	.341	8.66
F	.471	11.96	.315	8.00	.315	8.00	.361	9.17
G	.490	12.45	.335	8.51	.335	8.51	.380	9.65
H	.530	13.46	.374	9.50	.374	9.50	.420	10.67
J	.569	14.45	.414	10.52	.414	10.52	.459	11.66
K	.589	14.96	.433	11.00	.433	11.00	.478	12.14
L	.628	15.95	.472	11.99	.473	12.01	.518	13.16

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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E-Mail: sales@glenair.com

October 2012

Series 88 SuperFly

QDC Front Panel Mount Receptacles with Pigtail Wires

880-003R



Series 88 SuperFly

QDC FRONT PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 INCH OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-E3W-M200J5-24 880-003RA-E3W-ZR200J5-24 880-003RA-E3W-MT200J5-24 880-003RA-E3W-ZMT200J5-24	880-003RB-E3W-M200J5-24 880-003RB-E3W-ZR200J5-24 880-003RB-E3W-MT200J5-24 880-003RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-C2M2N-M035J5-24 880-003RA-C2M2N-ZR035J5-24 880-003RA-C2M2N-MT035J5-24 880-003RA-C2M2N-ZMT035J5-24	880-003RB-C2M2N-M035J5-24 880-003RB-C2M2N-ZR035J5-24 880-003RB-C2M2N-MT035J5-24 880-003RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-G7W-M200J5-24 880-003RA-G7W-ZR200J5-24 880-003RA-G7W-MT200J5-24 880-003RA-G7W-ZMT200J5-24	880-003RB-G7W-M200J5-24 880-003RB-G7W-ZR200J5-24 880-003RB-G7W-MT200J5-24 880-003RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-E4M4N-M035J5-24 880-003RA-E4M4N-ZR035J5-24 880-003RA-E4M4N-MT035J5-24 880-003RA-E4M4N-ZMT035J5-24	880-003RB-E4M4N-M035J5-24 880-003RB-E4M4N-ZR035J5-24 880-003RB-E4M4N-MT035J5-24 880-003RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-H10W-M200J5-24 880-003RA-H10W-ZR200J5-24 880-003RA-H10W-MT200J5-24 880-003RA-H10W-ZMT200J5-24	880-003RB-H10W-M200J5-24 880-003RB-H10W-ZR200J5-24 880-003RB-H10W-MT200J5-24 880-003RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-G6M10N-M035J5-24 880-003RA-G6M10N-ZR035J5-24 880-003RA-G6M10N-MT035J5-24 880-003RA-G6M10N-ZMT035J5-24	880-003RB-G6M10N-M035J5-24 880-003RB-G6M10N-ZR035J5-24 880-003RB-G6M10N-MT035J5-24 880-003RB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-D2W2N-M205J5-24 880-003RA-D2W2N-ZR205J5-24 880-003RA-D2W2N-MT205J5-24 880-003RA-D2W2N-ZMT205J5-24	880-003RB-D2W2N-M205J5-24 880-003RB-D2W2N-ZR205J5-24 880-003RB-D2W2N-MT205J5-24 880-003RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-K13M19N-M035J5-24 880-003RA-K13M19N-ZR035J5-24 880-003RA-K13M19N-MT035J5-24 880-003RA-K13M19N-ZMT035J5-24	880-003RB-K13M19N-M035J5-24 880-003RB-K13M19N-ZR035J5-24 880-003RB-K13M19N-MT035J5-24 880-003RB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-F4W4N-M205J5-24 880-003RA-F4W4N-ZR205J5-24 880-003RA-F4W4N-MT205J5-24 880-003RA-F4W4N-ZMT205J5-24	880-003RB-F4W4N-M205J5-24 880-003RB-F4W4N-ZR205J5-24 880-003RB-F4W4N-MT205J5-24 880-003RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-B7N-M005J5-24 880-003RA-B7N-ZR005J5-24 880-003RA-B7N-MT005J5-24 880-003RA-B7N-ZMT005J5-24	880-003RB-B7N-M005J5-24 880-003RB-B7N-ZR005J5-24 880-003RB-B7N-MT005J5-24 880-003RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-H6W14N-M205J5-24 880-003RA-H6W14N-ZR205J5-24 880-003RA-H6W14N-MT205J5-24 880-003RA-H6W14N-ZMT205J5-24	880-003RB-H6W14N-M205J5-24 880-003RB-H6W14N-ZR205J5-24 880-003RB-H6W14N-MT205J5-24 880-003RB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-C10N-M005J5-24 880-003RA-C10N-ZR005J5-24 880-003RA-C10N-MT005J5-24 880-003RA-C10N-ZMT005J5-24	880-003RB-C10N-M005J5-24 880-003RB-C10N-ZR005J5-24 880-003RB-C10N-MT005J5-24 880-003RB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-J7W19N-M205J5-24 880-003RA-J7W19N-ZR205J5-24 880-003RA-J7W19N-MT205J5-24 880-003RA-J7W19N-ZMT205J5-24	880-003RB-J7W19N-M205J5-24 880-003RB-J7W19N-ZR205J5-24 880-003RB-J7W19N-MT205J5-24 880-003RB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-E19N-M005J5-24 880-003RA-E19N-ZR005J5-24 880-003RA-E19N-MT005J5-24 880-003RA-E19N-ZMT005J5-24	880-003RB-E19N-M005J5-24 880-003RB-E19N-ZR005J5-24 880-003RB-E19N-MT005J5-24 880-003RB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-D3M-M030J5-24 880-003RA-D3M-ZR030J5-24 880-003RA-D3M-MT030J5-24 880-003RA-D3M-ZMT030J5-24	880-003RB-D3M-M030J5-24 880-003RB-D3M-ZR030J5-24 880-003RB-D3M-MT030J5-24 880-003RB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-F22N-M005J5-24 880-003RA-F22N-ZR005J5-24 880-003RA-F22N-MT005J5-24 880-003RA-F22N-ZMT005J5-24	880-003RB-F22N-M005J5-24 880-003RB-F22N-ZR005J5-24 880-003RB-F22N-MT005J5-24 880-003RB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-G10M-M030J5-24 880-003RA-G10M-ZR030J5-24 880-003RA-G10M-MT030J5-24 880-003RA-G10M-ZMT030J5-24	880-003RB-G10M-M030J5-24 880-003RB-G10M-ZR030J5-24 880-003RB-G10M-MT030J5-24 880-003RB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-H37N-M005J5-24 880-003RA-H37N-ZR005J5-24 880-003RA-H37N-MT005J5-24 880-003RA-H37N-ZMT005J5-24	880-003RB-H37N-M005J5-24 880-003RB-H37N-ZR005J5-24 880-003RB-H37N-MT005J5-24 880-003RB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-K19M-M030J5-24 880-003RA-K19M-ZR030J5-24 880-003RA-K19M-MT030J5-24 880-003RA-K19M-ZMT030J5-24	880-003RB-K19M-M030J5-24 880-003RB-K19M-ZR030J5-24 880-003RB-K19M-MT030J5-24 880-003RB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-J44N-M005J5-24 880-003RA-J44N-ZR005J5-24 880-003RA-J44N-MT005J5-24 880-003RA-J44N-ZMT005J5-24	880-003RB-J44N-M005J5-24 880-003RB-J44N-ZR005J5-24 880-003RB-J44N-MT005J5-24 880-003RB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-003RA-L22M-M030J5-24 880-003RA-L22M-ZR030J5-24 880-003RA-L22M-MT030J5-24 880-003RA-L22M-ZMT030J5-24	880-003RB-L22M-M030J5-24 880-003RB-L22M-ZR030J5-24 880-003RB-L22M-MT030J5-24 880-003RB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator



Series 88 SuperFly

QDC Rear Panel Mount Receptacles with Pigtail Wires

880-004R

QDC REAR PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 IN.



Series 880 Quick-Disconnect (QDC) receptacles are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

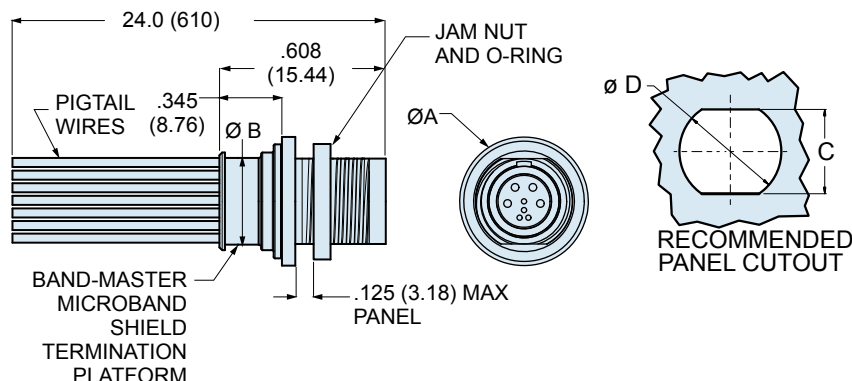
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A MAX		B		C		Ø D	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.
B	.392	9.45	.236	5.99	.236	5.99	.272	6.91
C	.412	9.96	.256	6.50	.256	6.50	.302	7.67
D	.432	10.97	.276	7.01	.276	7.01	.310	7.87
E	.451	11.46	.296	7.52	.296	7.52	.341	8.66
F	.471	11.96	.315	8.00	.315	8.00	.361	9.17
G	.490	12.45	.335	8.51	.335	8.51	.380	9.65
H	.530	13.46	.374	9.50	.374	9.50	.420	10.67
J	.569	14.45	.414	10.52	.414	10.52	.439	11.15
K	.589	14.96	.433	11.00	.433	11.00	.459	11.66
L	.628	15.95	.472	11.99	.473	12.01	.498	12.65

Dimensions in inches (millimeters) and are subject to change without notice.

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E-Mail: sales@glenair.com

October 2012

Series 88 SuperFly

QDC Rear Panel Mount Receptacles with Pigtail Wires

880-004R



Series 88 SuperFly

QDC REAR PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 INCH OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-E3W-M200J5-24 880-004RA-E3W-ZR200J5-24 880-004RA-E3W-MT200J5-24 880-004RA-E3W-ZMT200J5-24	880-004RB-E3W-M200J5-24 880-004RB-E3W-ZR200J5-24 880-004RB-E3W-MT200J5-24 880-004RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-C2M2N-M035J5-24 880-004RA-C2M2N-ZR035J5-24 880-004RA-C2M2N-MT035J5-24 880-004RA-C2M2N-ZMT035J5-24	880-004RB-C2M2N-M035J5-24 880-004RB-C2M2N-ZR035J5-24 880-004RB-C2M2N-MT035J5-24 880-004RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-G7W-M200J5-24 880-004RA-G7W-ZR200J5-24 880-004RA-G7W-MT200J5-24 880-004RA-G7W-ZMT200J5-24	880-004RB-G7W-M200J5-24 880-004RB-G7W-ZR200J5-24 880-004RB-G7W-MT200J5-24 880-004RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-E4M4N-M035J5-24 880-004RA-E4M4N-ZR035J5-24 880-004RA-E4M4N-MT035J5-24 880-004RA-E4M4N-ZMT035J5-24	880-004RB-E4M4N-M035J5-24 880-004RB-E4M4N-ZR035J5-24 880-004RB-E4M4N-MT035J5-24 880-004RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-H10W-M200J5-24 880-004RA-H10W-ZR200J5-24 880-004RA-H10W-MT200J5-24 880-004RA-H10W-ZMT200J5-24	880-004RB-H10W-M200J5-24 880-004RB-H10W-ZR200J5-24 880-004RB-H10W-MT200J5-24 880-004RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-G6M10N-M035J5-24 880-004RA-G6M10N-ZR035J5-24 880-004RA-G6M10N-MT035J5-24 880-004RA-G6M10N-ZMT035J5-24	880-004RB-G6M10N-M035J5-24 880-004RB-G6M10N-ZR035J5-24 880-004RB-G6M10N-MT035J5-24 880-004RB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-D2W2N-M205J5-24 880-004RA-D2W2N-ZR205J5-24 880-004RA-D2W2N-MT205J5-24 880-004RA-D2W2N-ZMT205J5-24	880-004RB-D2W2N-M205J5-24 880-004RB-D2W2N-ZR205J5-24 880-004RB-D2W2N-MT205J5-24 880-004RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-K13M19N-M035J5-24 880-004RA-K13M19N-ZR035J5-24 880-004RA-K13M19N-MT035J5-24 880-004RA-K13M19N-ZMT035J5-24	880-004RB-K13M19N-M035J5-24 880-004RB-K13M19N-ZR035J5-24 880-004RB-K13M19N-MT035J5-24 880-004RB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-F4W4N-M205J5-24 880-004RA-F4W4N-ZR205J5-24 880-004RA-F4W4N-MT205J5-24 880-004RA-F4W4N-ZMT205J5-24	880-004RB-F4W4N-M205J5-24 880-004RB-F4W4N-ZR205J5-24 880-004RB-F4W4N-MT205J5-24 880-004RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-B7N-M005J5-24 880-004RA-B7N-ZR005J5-24 880-004RA-B7N-MT005J5-24 880-004RA-B7N-ZMT005J5-24	880-004RB-B7N-M005J5-24 880-004RB-B7N-ZR005J5-24 880-004RB-B7N-MT005J5-24 880-004RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-H6W14N-M205J5-24 880-004RA-H6W14N-ZR205J5-24 880-004RA-H6W14N-MT205J5-24 880-004RA-H6W14N-ZMT205J5-24	880-004RB-H6W14N-M205J5-24 880-004RB-H6W14N-ZR205J5-24 880-004RB-H6W14N-MT205J5-24 880-004RB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-C10N-M005J5-24 880-004RA-C10N-ZR005J5-24 880-004RA-C10N-MT005J5-24 880-004RA-C10N-ZMT005J5-24	880-004RB-C10N-M005J5-24 880-004RB-C10N-ZR005J5-24 880-004RB-C10N-MT005J5-24 880-004RB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-J7W19N-M205J5-24 880-004RA-J7W19N-ZR205J5-24 880-004RA-J7W19N-MT205J5-24 880-004RA-J7W19N-ZMT205J5-24	880-004RB-J7W19N-M205J5-24 880-004RB-J7W19N-ZR205J5-24 880-004RB-J7W19N-MT205J5-24 880-004RB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-E19N-M005J5-24 880-004RA-E19N-ZR005J5-24 880-004RA-E19N-MT005J5-24 880-004RA-E19N-ZMT005J5-24	880-004RB-E19N-M005J5-24 880-004RB-E19N-ZR005J5-24 880-004RB-E19N-MT005J5-24 880-004RB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-D3M-M030J5-24 880-004RA-D3M-ZR030J5-24 880-004RA-D3M-MT030J5-24 880-004RA-D3M-ZMT030J5-24	880-004RB-D3M-M030J5-24 880-004RB-D3M-ZR030J5-24 880-004RB-D3M-MT030J5-24 880-004RB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-F22N-M005J5-24 880-004RA-F22N-ZR005J5-24 880-004RA-F22N-MT005J5-24 880-004RA-F22N-ZMT005J5-24	880-004RB-F22N-M005J5-24 880-004RB-F22N-ZR005J5-24 880-004RB-F22N-MT005J5-24 880-004RB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-G10M-M030J5-24 880-004RA-G10M-ZR030J5-24 880-004RA-G10M-MT030J5-24 880-004RA-G10M-ZMT030J5-24	880-004RB-G10M-M030J5-24 880-004RB-G10M-ZR030J5-24 880-004RB-G10M-MT030J5-24 880-004RB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-H37N-M005J5-24 880-004RA-H37N-ZR005J5-24 880-004RA-H37N-MT005J5-24 880-004RA-H37N-ZMT005J5-24	880-004RB-H37N-M005J5-24 880-004RB-H37N-ZR005J5-24 880-004RB-H37N-MT005J5-24 880-004RB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-K19M-M030J5-24 880-004RA-K19M-ZR030J5-24 880-004RA-K19M-MT030J5-24 880-004RA-K19M-ZMT030J5-24	880-004RB-K19M-M030J5-24 880-004RB-K19M-ZR030J5-24 880-004RB-K19M-MT030J5-24 880-004RB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-J44N-M005J5-24 880-004RA-J44N-ZR005J5-24 880-004RA-J44N-MT005J5-24 880-004RA-J44N-ZMT005J5-24	880-004RB-J44N-M005J5-24 880-004RB-J44N-ZR005J5-24 880-004RB-J44N-MT005J5-24 880-004RB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	880-004RA-L22M-M030J5-24 880-004RA-L22M-ZR030J5-24 880-004RA-L22M-MT030J5-24 880-004RA-L22M-ZMT030J5-24	880-004RB-L22M-M030J5-24 880-004RB-L22M-ZR030J5-24 880-004RB-L22M-MT030J5-24 880-004RB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator



Series 88 SuperFly QDC Connectors with Pigtail Wires

Series 880 Threaded Coupling Plugs with PIGTAIL WIRES: supplemental ordering information

Sample Part Number

880-001P

A

-F4W4N

-ZR

100J

1

-18

Series

Insert Style

Shell Size and Contact Arrangement

Shell Material / Finish

Wiring Code (AWG, Wire Type)

Wire Color

Wire Length

880-001P

QDC Plug, In-Line Cable Mount



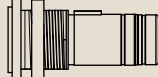
880-009P

QDC Plug, Front Panel Mount



880-010P

QDC Plug, Rear Panel Mount



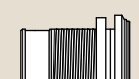
880-002R

QDC Cable Receptacle



880-003R

QDC Panel Receptacle, Front Mount



880-004R

QDC Panel Receptacle, Rear Mount



Unshrouded Contacts

Shrouded Contacts

Shrouded Contacts are recessed within the insulator.

Shell Size, Contact Arr.

Shell Size

5A.

3A.

1A.

No. of Contacts

B7N

B

—

—

7

C10N

C

—

—

10

C2M2N

C

—

2

2

D3M

D

—

3

—

D2W2N

D

2

—

2

E3W

E

3

—

—

E19N

E

—

—

19

E4M4N

E

—

4

4

F22N

F

—

—

22

F4W4N

F

4

—

4

G7W

G

7

—

—

G10M

G

—

10

—

G6M10N

G

—

6

10

H10W

H

10

—

—

H37N

H

—

—

37

H6W14N

H

6

—

14

J44N

J

—

—

44

J7W19N

J

7

—

19

K19M

K

—

19

—

K13M19N

K

—

13

19

L22M

L

—

22

—

Aluminum / Electroless Nickel RoHS Compliant

ZR

Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant

MT

Aluminum / Nickel-PTFE RoHS Compliant

ZMT

Stainless Steel / Nickel-PTFE RoHS Compliant

Layouts with 5A. Contacts

Contact Arr.	AWG	Code
E3W	#22	100J
G7W	#24	200J
H10W	#26	300J
	#28	400J

Combo Layouts with 5A. and 1A. Contacts

Contact Arr.	1A.	5A.	Code
D2W2N	#30	#22	105J
F4W4N	#30	#24	205J
H6W14N	#30	#26	305J
J7W19N	#30	#28	405J
	#32	#22	106J
	#32	#24	206J
	#32	#26	306J
	#32	#28	406J

Layouts with 3A. Contacts

Contact Arr.	AWG	Code
D3M	#24	020J
G10M	#26	030J
K19M	#28	040J
	#30	050J

Combo Layouts with 3A. and 1A. Contacts

Contact Arr.	1A.	3A.	Code
C2M2N	#30	#24	025J
E4M4N	#30	#26	035J
G6M10N	#30	#28	045J
K13M19N	#32	#24	026J
	#32	#26	036J
	#32	#28	046J

Layouts with 1A. Contacts

Contact Arr.	AWG	Code
B7N C10N	#30	005J
E19N F22N	#32	006J
H37N J44N		

1 White

5 Full Color Code (Wires 1-9 solid color, wires 10-up are striped)

7 10 Color Repeating (Wire #1 Black, Wire #11 Black, etc.)

Overall length in inches measured from front of connector

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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October 2012

Series 88 SuperFly
Series 880 QDC Cordsets, Single-Ended
 886-001P, 886-002P, 886-003R, 886-004R



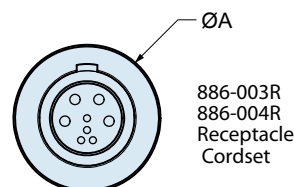
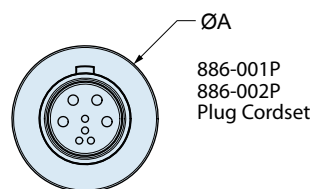
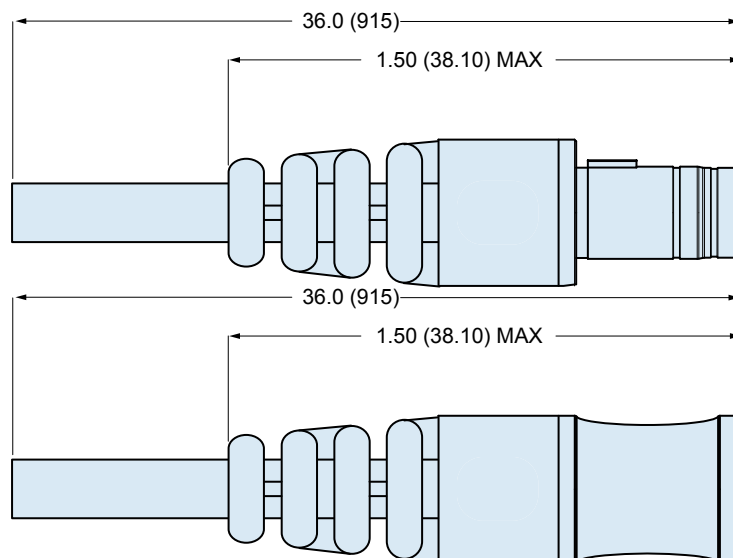
OVERMOLDED QDC CORDSETS WITH SHIELDED, JACKETED CABLE



Overmolded quick-disconnect (QDC) pigtail cordsets have ultralight high-strength Amberstrand™ cable shield. 5A contacts are terminated to #22AWG wire, 3A contacts are terminated to #26AWG wire, and 1A contacts are terminated to #30AWG Teflon wire. Color-coded wires. Available with two types of outer jacket: braided nylon jacket for superior flexibility or abrasion-resistant thermoplastic polyurethane. Polyamide overmold. Nickel-plated aluminum assemblies are ideal for protected environments where corrosion is not a problem. Non-reflective nickel-ETFE plated aluminum offers excellent conductivity, durability and corrosion resistance. Black zinc-nickel is preferred for soldier systems. Nickel-ETFE plated stainless steel offers outstanding ruggedness and durability combined with high conductivity and excellent corrosion resistance.

- Three contact sizes: 5A, 3A, and 1A
- Nylon Braid or TPU Jacket

Contact Arrangements										
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A



Dimensions		
Shell Size	Ø A MAX	
	In.	mm.
B	.317	8.05
C	.342	8.69
D	.355	9.02
E	.381	9.68
F	.400	10.16
G	.422	10.72
H	.459	11.66
J	.487	12.37
K	.509	12.93
L	.548	13.92

Dimensions in inches (millimeters) and are subject to change without notice.

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Series 88 SuperFly

Series 880 QDC Cordsets, Single-Ended

886-001P, 886-002P, 886-003R, 886-004R

Materials and Finishes

Insulator	Thermoplastic, glass-reinforced
Shell	Aluminum or stainless steel. See ordering info.
1A. Contact	Precious metal alloy
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	Silver-coated high-strength copper alloy
Wire Insulation	Cross-linked fluoropolymer, color-coded per MIL-STD-681 (1 st 10 are solid color, 11-up are striped)
Overmold	Low smoke zero halogen thermoplastic polyurethane, black
Cable shield	ArmorLite™ microfilament stainless steel, nickel-coated
Shield Coverage	90% minimum coverage
Outer Jacket	Nylon braid or extruded low smoke zero halogen thermoplastic polyurethane (TPU), black

Product Specifications

Current Rating	1A, 3A, 5A (See Contact Arrangements)
DWV	250Vac (1A contact), 600Vac (3A), 500Vac (5A)
Contact Resistance	80 milliohms (1A contact), 32 milliohms (3A), 20 milliohms (5A)
Insulation Resistance	200 megohms minimum
Temperature Range	-30°C to +105°C
Durability	2000 mating cycles
Water Immersion	IP67, MIL-STD-810 Method 512 (1 meter, 2 hours)
Shock	300 g's
Vibration	37 g's
Solvent Resistance, Overmold	Excellent resistance to most solvents, fuels and oils.
Shielding Effectiveness	>55 dB minimum from 100MHz to 1000MHz.

ABOUT SUPERFLY CABLE JACKETS

Two outer jackets are available: extruded thermoplastic polyurethane (TPU) and nylon overbraid. TPU offers excellent all-round performance and is typically specified for military gear and oil exploration equipment. Low-toxicity TPU is non-halogenated and flame-retardant. Braided nylon jackets offer outstanding flexibility. For soldier systems applications, braided jackets are an alternative to TPU jackets if weight and flexibility outweigh the drawbacks of braid; e.g. the possibility of snagging the braid or entrapping contamination.

Outer Jacket Comparison Data

Property	TPU Jacket	Nylon Braid
Flammability	Flame-retardant	Flame-retardant
UL Rating	UL 94V-0	
Temperature Range	-30°C to +105°C	-30°C to +105°C
Flexibility	Good	Excellent
Solvent Resistance	Excellent	Good
Abrasion Resistance	Excellent	Very Good
Toxicity	Low smoke, zero halogen	

ABOUT SUPERFLY MATERIALS AND FINISHES

Four standard material and finish options are available.

- 1 Aluminum shell with **Electroless Nickel** (EN). High reflectivity and poor corrosion resistance make nickel a poor choice for tactical systems, but nickel is preferred for avionics systems, space vehicles, medical equipment and test gear where corrosion is not a primary concern. Nickel is highly conductive and is excellent for EMI-protected systems.
- 2 Aluminum shell with **Black Zinc-Nickel** (Zn-Ni). Although less conductive than other finishes, non-reflective black Zn-Ni is a typical choice for soldier gear. Corrosion resistance is very good.
- 3 Aluminum shell with **Electroless Nickel-PTFE** (EN-PTFE). Excellent durability, corrosion resistance and conductivity. Non-reflective EN-PTFE is a primary choice for any harsh environment. Inherently lubricious, resists galling.
- 4 Stainless steel shell with **Electroless Nickel-PTFE** (EN-PTFE). Suitable for any application where durability takes precedence over weight and cost. Highly conductive and non-reflective Ni-ETFE finish is suitable for aerospace and tactical systems.

Material and Finish Comparison Data

	Alum EN	Alum Zn-Ni	Alum EN-PTFE	SST EN-PTFE
Glenair Code	M	ZR	MT	ZMT
Corrosion Resistance	Poor	Good	Very Good	Excellent
RoHS Compliance*	Yes	Yes	Yes	Yes
Conductivity	Excellent	Good	Excellent	Excellent
Reflectivity	Reflective	Non-reflective	Non-reflective	Non-reflective
Cost	\$	\$\$\$	\$\$\$	\$\$\$\$\$

* Meets DoD directives and European regulations for elimination of cadmium and hexavalent chromate.

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October 2012

Series 88 SuperFly Series 880 QDC Cordsets, Single-Ended 886-001P Plug, with Braided Nylon Jacket



Series 88 SuperFly

QDC PLUG CORDSETS, SINGLE-ENDED, SHIELDED, HI-FLEX NYLON BRAID JACKET, 36 INCH LENGTH



Overmolded Superfly QDC cable plugs are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight ArmorLite braided shield with 90% coverage, braided nylon jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-E3W-M200J5-36 886-001PA-E3W-ZR200J5-36 886-001PA-E3W-MT200J5-36 886-001PA-E3W-ZMT200J5-36	886-001PB-E3W-M200J5-36 886-001PB-E3W-ZR200J5-36 886-001PB-E3W-MT200J5-36 886-001PB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-C2M2N-M035J5-36 886-001PA-C2M2N-ZR035J5-36 886-001PA-C2M2N-MT035J5-36 886-001PA-C2M2N-ZMT035J5-36	886-001PB-C2M2N-M035J5-36 886-001PB-C2M2N-ZR035J5-36 886-001PB-C2M2N-MT035J5-36 886-001PB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-G7W-M200J5-36 886-001PA-G7W-ZR200J5-36 886-001PA-G7W-MT200J5-36 886-001PA-G7W-ZMT200J5-36	886-001PB-G7W-M200J5-36 886-001PB-G7W-ZR200J5-36 886-001PB-G7W-MT200J5-36 886-001PB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-E4M4N-M035J5-36 886-001PA-E4M4N-ZR035J5-36 886-001PA-E4M4N-MT035J5-36 886-001PA-E4M4N-ZMT035J5-36	886-001PB-E4M4N-M035J5-36 886-001PB-E4M4N-ZR035J5-36 886-001PB-E4M4N-MT035J5-36 886-001PB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-H10W-M200J5-36 886-001PA-H10W-ZR200J5-36 886-001PA-H10W-MT200J5-36 886-001PA-H10W-ZMT200J5-36	886-001PB-H10W-M200J5-36 886-001PB-H10W-ZR200J5-36 886-001PB-H10W-MT200J5-36 886-001PB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-G6M10N-M035J5-36 886-001PA-G6M10N-ZR035J5-36 886-001PA-G6M10N-MT035J5-36 886-001PA-G6M10N-ZMT035J5-36	886-001PB-G6M10N-M035J5-36 886-001PB-G6M10N-ZR035J5-36 886-001PB-G6M10N-MT035J5-36 886-001PB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-D2W2N-M205J5-36 886-001PA-D2W2N-ZR205J5-36 886-001PA-D2W2N-MT205J5-36 886-001PA-D2W2N-ZMT205J5-36	886-001PB-D2W2N-M205J5-36 886-001PB-D2W2N-ZR205J5-36 886-001PB-D2W2N-MT205J5-36 886-001PB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-K13M19N-M035J5-36 886-001PA-K13M19N-ZR035J5-36 886-001PA-K13M19N-MT035J5-36 886-001PA-K13M19N-ZMT035J5-36	886-001PB-K13M19N-M035J5-36 886-001PB-K13M19N-ZR035J5-36 886-001PB-K13M19N-MT035J5-36 886-001PB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-F4W4N-M205J5-36 886-001PA-F4W4N-ZR205J5-36 886-001PA-F4W4N-MT205J5-36 886-001PA-F4W4N-ZMT205J5-36	886-001PB-F4W4N-M205J5-36 886-001PB-F4W4N-ZR205J5-36 886-001PB-F4W4N-MT205J5-36 886-001PB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-B7N-M005J5-36 886-001PA-B7N-ZR005J5-36 886-001PA-B7N-MT005J5-36 886-001PA-B7N-ZMT005J5-36	886-001PB-B7N-M005J5-36 886-001PB-B7N-ZR005J5-36 886-001PB-B7N-MT005J5-36 886-001PB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-H6W14N-M205J5-36 886-001PA-H6W14N-ZR205J5-36 886-001PA-H6W14N-MT205J5-36 886-001PA-H6W14N-ZMT205J5-36	886-001PB-H6W14N-M205J5-36 886-001PB-H6W14N-ZR205J5-36 886-001PB-H6W14N-MT205J5-36 886-001PB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-C10N-M005J5-36 886-001PA-C10N-ZR005J5-36 886-001PA-C10N-MT005J5-36 886-001PA-C10N-ZMT005J5-36	886-001PB-C10N-M005J5-36 886-001PB-C10N-ZR005J5-36 886-001PB-C10N-MT005J5-36 886-001PB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-J7W19N-M205J5-36 886-001PA-J7W19N-ZR205J5-36 886-001PA-J7W19N-MT205J5-36 886-001PA-J7W19N-ZMT205J5-36	886-001PB-J7W19N-M205J5-36 886-001PB-J7W19N-ZR205J5-36 886-001PB-J7W19N-MT205J5-36 886-001PB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-E19N-M005J5-36 886-001PA-E19N-ZR005J5-36 886-001PA-E19N-MT005J5-36 886-001PA-E19N-ZMT005J5-36	886-001PB-E19N-M005J5-36 886-001PB-E19N-ZR005J5-36 886-001PB-E19N-MT005J5-36 886-001PB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-D3M-M030J5-36 886-001PA-D3M-ZR030J5-36 886-001PA-D3M-MT030J5-36 886-001PA-D3M-ZMT030J5-36	886-001PB-D3M-M030J5-36 886-001PB-D3M-ZR030J5-36 886-001PB-D3M-MT030J5-36 886-001PB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-F22N-M005J5-36 886-001PA-F22N-ZR005J5-36 886-001PA-F22N-MT005J5-36 886-001PA-F22N-ZMT005J5-36	886-001PB-F22N-M005J5-36 886-001PB-F22N-ZR005J5-36 886-001PB-F22N-MT005J5-36 886-001PB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-G10M-M030J5-36 886-001PA-G10M-ZR030J5-36 886-001PA-G10M-MT030J5-36 886-001PA-G10M-ZMT030J5-36	886-001PB-G10M-M030J5-36 886-001PB-G10M-ZR030J5-36 886-001PB-G10M-MT030J5-36 886-001PB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-H37N-M005J5-36 886-001PA-H37N-ZR005J5-36 886-001PA-H37N-MT005J5-36 886-001PA-H37N-ZMT005J5-36	886-001PB-H37N-M005J5-36 886-001PB-H37N-ZR005J5-36 886-001PB-H37N-MT005J5-36 886-001PB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-K19M-M030J5-36 886-001PA-K19M-ZR030J5-36 886-001PA-K19M-MT030J5-36 886-001PA-K19M-ZMT030J5-36	886-001PB-K19M-M030J5-36 886-001PB-K19M-ZR030J5-36 886-001PB-K19M-MT030J5-36 886-001PB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-J44N-M005J5-36 886-001PA-J44N-ZR005J5-36 886-001PA-J44N-MT005J5-36 886-001PA-J44N-ZMT005J5-36	886-001PB-J44N-M005J5-36 886-001PB-J44N-ZR005J5-36 886-001PB-J44N-MT005J5-36 886-001PB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-001PA-L22M-M030J5-36 886-001PA-L22M-ZR030J5-36 886-001PA-L22M-MT030J5-36 886-001PA-L22M-ZMT030J5-36	886-001PB-L22M-M030J5-36 886-001PB-L22M-ZR030J5-36 886-001PB-L22M-MT030J5-36 886-001PB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator



Series 88 SuperFly

Series 880 QDC Cordsets, Single-Ended

886-002P Plug, with Thermoplastic Polyurethane Jacket

QDC PLUG CORDSETS, SINGLE-ENDED, SHIELDED, TPU JACKET, 36 INCH OVERALL LENGTH



Overmolded Superfly QDC cable plugs are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight ArmorLite braided shield with 90% coverage, polyurethane (TPU) jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-E3W-M200J5-36 886-002PA-E3W-ZR200J5-36 886-002PA-E3W-MT200J5-36 886-002PA-E3W-ZMT200J5-36	886-002PB-E3W-M200J5-36 886-002PB-E3W-ZR200J5-36 886-002PB-E3W-MT200J5-36 886-002PB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-C2M2N-M035J5-36 886-002PA-C2M2N-ZR035J5-36 886-002PA-C2M2N-MT035J5-36 886-002PA-C2M2N-ZMT035J5-36	886-002PB-C2M2N-M035J5-36 886-002PB-C2M2N-ZR035J5-36 886-002PB-C2M2N-MT035J5-36 886-002PB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-G7W-M200J5-36 886-002PA-G7W-ZR200J5-36 886-002PA-G7W-MT200J5-36 886-002PA-G7W-ZMT200J5-36	886-002PB-G7W-M200J5-36 886-002PB-G7W-ZR200J5-36 886-002PB-G7W-MT200J5-36 886-002PB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-E4M4N-M035J5-36 886-002PA-E4M4N-ZR035J5-36 886-002PA-E4M4N-MT035J5-36 886-002PA-E4M4N-ZMT035J5-36	886-002PB-E4M4N-M035J5-36 886-002PB-E4M4N-ZR035J5-36 886-002PB-E4M4N-MT035J5-36 886-002PB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-H10W-M200J5-36 886-002PA-H10W-ZR200J5-36 886-002PA-H10W-MT200J5-36 886-002PA-H10W-ZMT200J5-36	886-002PB-H10W-M200J5-36 886-002PB-H10W-ZR200J5-36 886-002PB-H10W-MT200J5-36 886-002PB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-G6M10N-M035J5-36 886-002PA-G6M10N-ZR035J5-36 886-002PA-G6M10N-MT035J5-36 886-002PA-G6M10N-ZMT035J5-36	886-002PB-G6M10N-M035J5-36 886-002PB-G6M10N-ZR035J5-36 886-002PB-G6M10N-MT035J5-36 886-002PB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-D2W2N-M205J5-36 886-002PA-D2W2N-ZR205J5-36 886-002PA-D2W2N-MT205J5-36 886-002PA-D2W2N-ZMT205J5-36	886-002PB-D2W2N-M205J5-36 886-002PB-D2W2N-ZR205J5-36 886-002PB-D2W2N-MT205J5-36 886-002PB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-K13M19N-M035J5-36 886-002PA-K13M19N-ZR035J5-36 886-002PA-K13M19N-MT035J5-36 886-002PA-K13M19N-ZMT035J5-36	886-002PB-K13M19N-M035J5-36 886-002PB-K13M19N-ZR035J5-36 886-002PB-K13M19N-MT035J5-36 886-002PB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-F4W4N-M205J5-36 886-002PA-F4W4N-ZR205J5-36 886-002PA-F4W4N-MT205J5-36 886-002PA-F4W4N-ZMT205J5-36	886-002PB-F4W4N-M205J5-36 886-002PB-F4W4N-ZR205J5-36 886-002PB-F4W4N-MT205J5-36 886-002PB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-B7N-M005J5-36 886-002PA-B7N-ZR005J5-36 886-002PA-B7N-MT005J5-36 886-002PA-B7N-ZMT005J5-36	886-002PB-B7N-M005J5-36 886-002PB-B7N-ZR005J5-36 886-002PB-B7N-MT005J5-36 886-002PB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-H6W14N-M205J5-36 886-002PA-H6W14N-ZR205J5-36 886-002PA-H6W14N-MT205J5-36 886-002PA-H6W14N-ZMT205J5-36	886-002PB-H6W14N-M205J5-36 886-002PB-H6W14N-ZR205J5-36 886-002PB-H6W14N-MT205J5-36 886-002PB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-C10N-M005J5-36 886-002PA-C10N-ZR005J5-36 886-002PA-C10N-MT005J5-36 886-002PA-C10N-ZMT005J5-36	886-002PB-C10N-M005J5-36 886-002PB-C10N-ZR005J5-36 886-002PB-C10N-MT005J5-36 886-002PB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-J7W19N-M205J5-36 886-002PA-J7W19N-ZR205J5-36 886-002PA-J7W19N-MT205J5-36 886-002PA-J7W19N-ZMT205J5-36	886-002PB-J7W19N-M205J5-36 886-002PB-J7W19N-ZR205J5-36 886-002PB-J7W19N-MT205J5-36 886-002PB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-E19N-M005J5-36 886-002PA-E19N-ZR005J5-36 886-002PA-E19N-MT005J5-36 886-002PA-E19N-ZMT005J5-36	886-002PB-E19N-M005J5-36 886-002PB-E19N-ZR005J5-36 886-002PB-E19N-MT005J5-36 886-002PB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-D3M-M030J5-36 886-002PA-D3M-ZR030J5-36 886-002PA-D3M-MT030J5-36 886-002PA-D3M-ZMT030J5-36	886-002PB-D3M-M030J5-36 886-002PB-D3M-ZR030J5-36 886-002PB-D3M-MT030J5-36 886-002PB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-F22N-M005J5-36 886-002PA-F22N-ZR005J5-36 886-002PA-F22N-MT005J5-36 886-002PA-F22N-ZMT005J5-36	886-002PB-F22N-M005J5-36 886-002PB-F22N-ZR005J5-36 886-002PB-F22N-MT005J5-36 886-002PB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-G10M-M030J5-36 886-002PA-G10M-ZR030J5-36 886-002PA-G10M-MT030J5-36 886-002PA-G10M-ZMT030J5-36	886-002PB-G10M-M030J5-36 886-002PB-G10M-ZR030J5-36 886-002PB-G10M-MT030J5-36 886-002PB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-H37N-M005J5-36 886-002PA-H37N-ZR005J5-36 886-002PA-H37N-MT005J5-36 886-002PA-H37N-ZMT005J5-36	886-002PB-H37N-M005J5-36 886-002PB-H37N-ZR005J5-36 886-002PB-H37N-MT005J5-36 886-002PB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-K19M-M030J5-36 886-002PA-K19M-ZR030J5-36 886-002PA-K19M-MT030J5-36 886-002PA-K19M-ZMT030J5-36	886-002PB-K19M-M030J5-36 886-002PB-K19M-ZR030J5-36 886-002PB-K19M-MT030J5-36 886-002PB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-J44N-M005J5-36 886-002PA-J44N-ZR005J5-36 886-002PA-J44N-MT005J5-36 886-002PA-J44N-ZMT005J5-36	886-002PB-J44N-M005J5-36 886-002PB-J44N-ZR005J5-36 886-002PB-J44N-MT005J5-36 886-002PB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-002PA-L22M-M030J5-36 886-002PA-L22M-ZR030J5-36 886-002PA-L22M-MT030J5-36 886-002PA-L22M-ZMT030J5-36	886-002PB-L22M-M030J5-36 886-002PB-L22M-ZR030J5-36 886-002PB-L22M-MT030J5-36 886-002PB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Series 88 SuperFly
Series 880 QDC Cordsets, Single-Ended
886-003R Receptacle, with Braided Nylon Jacket



QDC RECEPTACLE CORDSETS, SINGLE-ENDED, SHIELDED, HI-FLEX NYLON BRAID JACKET, 36 INCH



Overmolded Superfly QDC cable plugs are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight Amberstrand braided shield with 90% coverage, braided nylon jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-E3W-M200J5-36 886-003RA-E3W-ZR200J5-36 886-003RA-E3W-MT200J5-36 886-003RA-E3W-ZMT200J5-36	886-003RB-E3W-M200J5-36 886-003RB-E3W-ZR200J5-36 886-003RB-E3W-MT200J5-36 886-003RB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-C2M2N-M035J5-36 886-003RA-C2M2N-ZR035J5-36 886-003RA-C2M2N-MT035J5-36 886-003RA-C2M2N-ZMT035J5-36	886-003RB-C2M2N-M035J5-36 886-003RB-C2M2N-ZR035J5-36 886-003RB-C2M2N-MT035J5-36 886-003RB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-G7W-M200J5-36 886-003RA-G7W-ZR200J5-36 886-003RA-G7W-MT200J5-36 886-003RA-G7W-ZMT200J5-36	886-003RB-G7W-M200J5-36 886-003RB-G7W-ZR200J5-36 886-003RB-G7W-MT200J5-36 886-003RB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-E4M4N-M035J5-36 886-003RA-E4M4N-ZR035J5-36 886-003RA-E4M4N-MT035J5-36 886-003RA-E4M4N-ZMT035J5-36	886-003RB-E4M4N-M035J5-36 886-003RB-E4M4N-ZR035J5-36 886-003RB-E4M4N-MT035J5-36 886-003RB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-H10W-M200J5-36 886-003RA-H10W-ZR200J5-36 886-003RA-H10W-MT200J5-36 886-003RA-H10W-ZMT200J5-36	886-003RB-H10W-M200J5-36 886-003RB-H10W-ZR200J5-36 886-003RB-H10W-MT200J5-36 886-003RB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-G6M10N-M035J5-36 886-003RA-G6M10N-ZR035J5-36 886-003RA-G6M10N-MT035J5-36 886-003RA-G6M10N-ZMT035J5-36	886-003RB-G6M10N-M035J5-36 886-003RB-G6M10N-ZR035J5-36 886-003RB-G6M10N-MT035J5-36 886-003RB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-D2W2N-M205J5-36 886-003RA-D2W2N-ZR205J5-36 886-003RA-D2W2N-MT205J5-36 886-003RA-D2W2N-ZMT205J5-36	886-003RB-D2W2N-M205J5-36 886-003RB-D2W2N-ZR205J5-36 886-003RB-D2W2N-MT205J5-36 886-003RB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-K13M19N-M035J5-36 886-003RA-K13M19N-ZR035J5-36 886-003RA-K13M19N-MT035J5-36 886-003RA-K13M19N-ZMT035J5-36	886-003RB-K13M19N-M035J5-36 886-003RB-K13M19N-ZR035J5-36 886-003RB-K13M19N-MT035J5-36 886-003RB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-F4W4N-M205J5-36 886-003RA-F4W4N-ZR205J5-36 886-003RA-F4W4N-MT205J5-36 886-003RA-F4W4N-ZMT205J5-36	886-003RB-F4W4N-M205J5-36 886-003RB-F4W4N-ZR205J5-36 886-003RB-F4W4N-MT205J5-36 886-003RB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-B7N-M005J5-36 886-003RA-B7N-ZR005J5-36 886-003RA-B7N-MT005J5-36 886-003RA-B7N-ZMT005J5-36	886-003RB-B7N-M005J5-36 886-003RB-B7N-ZR005J5-36 886-003RB-B7N-MT005J5-36 886-003RB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-H6W14N-M205J5-36 886-003RA-H6W14N-ZR205J5-36 886-003RA-H6W14N-MT205J5-36 886-003RA-H6W14N-ZMT205J5-36	886-003RB-H6W14N-M205J5-36 886-003RB-H6W14N-ZR205J5-36 886-003RB-H6W14N-MT205J5-36 886-003RB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-C10N-M005J5-36 886-003RA-C10N-ZR005J5-36 886-003RA-C10N-MT005J5-36 886-003RA-C10N-ZMT005J5-36	886-003RB-C10N-M005J5-36 886-003RB-C10N-ZR005J5-36 886-003RB-C10N-MT005J5-36 886-003RB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-J7W19N-M205J5-36 886-003RA-J7W19N-ZR205J5-36 886-003RA-J7W19N-MT205J5-36 886-003RA-J7W19N-ZMT205J5-36	886-003RB-J7W19N-M205J5-36 886-003RB-J7W19N-ZR205J5-36 886-003RB-J7W19N-MT205J5-36 886-003RB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-E19N-M005J5-36 886-003RA-E19N-ZR005J5-36 886-003RA-E19N-MT005J5-36 886-003RA-E19N-ZMT005J5-36	886-003RB-E19N-M005J5-36 886-003RB-E19N-ZR005J5-36 886-003RB-E19N-MT005J5-36 886-003RB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-D3M-M030J5-36 886-003RA-D3M-ZR030J5-36 886-003RA-D3M-MT030J5-36 886-003RA-D3M-ZMT030J5-36	886-003RB-D3M-M030J5-36 886-003RB-D3M-ZR030J5-36 886-003RB-D3M-MT030J5-36 886-003RB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-F22N-M005J5-36 886-003RA-F22N-ZR005J5-36 886-003RA-F22N-MT005J5-36 886-003RA-F22N-ZMT005J5-36	886-003RB-F22N-M005J5-36 886-003RB-F22N-ZR005J5-36 886-003RB-F22N-MT005J5-36 886-003RB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-G10M-M030J5-36 886-003RA-G10M-ZR030J5-36 886-003RA-G10M-MT030J5-36 886-003RA-G10M-ZMT030J5-36	886-003RB-G10M-M030J5-36 886-003RB-G10M-ZR030J5-36 886-003RB-G10M-MT030J5-36 886-003RB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-H37N-M005J5-36 886-003RA-H37N-ZR005J5-36 886-003RA-H37N-MT005J5-36 886-003RA-H37N-ZMT005J5-36	886-003RB-H37N-M005J5-36 886-003RB-H37N-ZR005J5-36 886-003RB-H37N-MT005J5-36 886-003RB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-K19M-M030J5-36 886-003RA-K19M-ZR030J5-36 886-003RA-K19M-MT030J5-36 886-003RA-K19M-ZMT030J5-36	886-003RB-K19M-M030J5-36 886-003RB-K19M-ZR030J5-36 886-003RB-K19M-MT030J5-36 886-003RB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-J44N-M005J5-36 886-003RA-J44N-ZR005J5-36 886-003RA-J44N-MT005J5-36 886-003RA-J44N-ZMT005J5-36	886-003RB-J44N-M005J5-36 886-003RB-J44N-ZR005J5-36 886-003RB-J44N-MT005J5-36 886-003RB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-003RA-L22M-M030J5-36 886-003RA-L22M-ZR030J5-36 886-003RA-L22M-MT030J5-36 886-003RA-L22M-ZMT030J5-36	886-003RB-L22M-M030J5-36 886-003RB-L22M-ZR030J5-36 886-003RB-L22M-MT030J5-36 886-003RB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly

Series 880 QDC Cordsets, Single-Ended

886-004R Receptacle, with Thermoplastic Polyurethane Jacket

QDC RECEPTACLE CORDSETS, SINGLE-ENDED, SHIELDED, TPU JACKET, 36 INCH OVERALL LENGTH



Overmolded Superfly QDC cable plugs are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight ArmorLite braided shield with 90% coverage, polyurethane (TPU) jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-E3W-M200J5-36 886-004RA-E3W-ZR200J5-36 886-004RA-E3W-MT200J5-36 886-004RA-E3W-ZMT200J5-36	886-004PB-E3W-M200J5-36 886-004PB-E3W-ZR200J5-36 886-004PB-E3W-MT200J5-36 886-004PB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-C2M2N-M035J5-36 886-004RA-C2M2N-ZR035J5-36 886-004RA-C2M2N-MT035J5-36 886-004RA-C2M2N-ZMT035J5-36	886-004RB-C2M2N-M035J5-36 886-004RB-C2M2N-ZR035J5-36 886-004RB-C2M2N-MT035J5-36 886-004RB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-G7W-M200J5-36 886-004RA-G7W-ZR200J5-36 886-004RA-G7W-MT200J5-36 886-004RA-G7W-ZMT200J5-36	886-004PB-G7W-M200J5-36 886-004PB-G7W-ZR200J5-36 886-004PB-G7W-MT200J5-36 886-004PB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-E4M4N-M035J5-36 886-004RA-E4M4N-ZR035J5-36 886-004RA-E4M4N-MT035J5-36 886-004RA-E4M4N-ZMT035J5-36	886-004RB-E4M4N-M035J5-36 886-004RB-E4M4N-ZR035J5-36 886-004RB-E4M4N-MT035J5-36 886-004RB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-H10W-M200J5-36 886-004RA-H10W-ZR200J5-36 886-004RA-H10W-MT200J5-36 886-004RA-H10W-ZMT200J5-36	886-004PB-H10W-M200J5-36 886-004PB-H10W-ZR200J5-36 886-004PB-H10W-MT200J5-36 886-004PB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-G6M10N-M035J5-36 886-004RA-G6M10N-ZR035J5-36 886-004RA-G6M10N-MT035J5-36 886-004RA-G6M10N-ZMT035J5-36	886-004RB-G6M10N-M035J5-36 886-004RB-G6M10N-ZR035J5-36 886-004RB-G6M10N-MT035J5-36 886-004RB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-D2W2N-M205J5-36 886-004RA-D2W2N-ZR205J5-36 886-004RA-D2W2N-MT205J5-36 886-004RA-D2W2N-ZMT205J5-36	886-004PB-D2W2N-M205J5-36 886-004PB-D2W2N-ZR205J5-36 886-004PB-D2W2N-MT205J5-36 886-004PB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-K13M19N-M035J5-36 886-004RA-K13M19N-ZR035J5-36 886-004RA-K13M19N-MT035J5-36 886-004RA-K13M19N-ZMT035J5-36	886-004RB-K13M19N-M035J5-36 886-004RB-K13M19N-ZR035J5-36 886-004RB-K13M19N-MT035J5-36 886-004RB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-F4W4N-M205J5-36 886-004RA-F4W4N-ZR205J5-36 886-004RA-F4W4N-MT205J5-36 886-004RA-F4W4N-ZMT205J5-36	886-004PB-F4W4N-M205J5-36 886-004PB-F4W4N-ZR205J5-36 886-004PB-F4W4N-MT205J5-36 886-004PB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-B7N-M005J5-36 886-004RA-B7N-ZR005J5-36 886-004RA-B7N-MT005J5-36 886-004RA-B7N-ZMT005J5-36	886-004RB-B7N-M005J5-36 886-004RB-B7N-ZR005J5-36 886-004RB-B7N-MT005J5-36 886-004RB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-H6W14N-M205J5-36 886-004RA-H6W14N-ZR205J5-36 886-004RA-H6W14N-MT205J5-36 886-004RA-H6W14N-ZMT205J5-36	886-004PB-H6W14N-M205J5-36 886-004PB-H6W14N-ZR205J5-36 886-004PB-H6W14N-MT205J5-36 886-004PB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-C10N-M005J5-36 886-004RA-C10N-ZR005J5-36 886-004RA-C10N-MT005J5-36 886-004RA-C10N-ZMT005J5-36	886-004RB-C10N-M005J5-36 886-004RB-C10N-ZR005J5-36 886-004RB-C10N-MT005J5-36 886-004RB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-J7W19N-M205J5-36 886-004RA-J7W19N-ZR205J5-36 886-004RA-J7W19N-MT205J5-36 886-004RA-J7W19N-ZMT205J5-36	886-004PB-J7W19N-M205J5-36 886-004PB-J7W19N-ZR205J5-36 886-004PB-J7W19N-MT205J5-36 886-004PB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-E19N-M005J5-36 886-004RA-E19N-ZR005J5-36 886-004RA-E19N-MT005J5-36 886-004RA-E19N-ZMT005J5-36	886-004RB-E19N-M005J5-36 886-004RB-E19N-ZR005J5-36 886-004RB-E19N-MT005J5-36 886-004RB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-D3M-M030J5-36 886-004RA-D3M-ZR030J5-36 886-004RA-D3M-MT030J5-36 886-004RA-D3M-ZMT030J5-36	886-004RB-D3M-M030J5-36 886-004RB-D3M-ZR030J5-36 886-004RB-D3M-MT030J5-36 886-004RB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-F22N-M005J5-36 886-004RA-F22N-ZR005J5-36 886-004RA-F22N-MT005J5-36 886-004RA-F22N-ZMT005J5-36	886-004RB-F22N-M005J5-36 886-004RB-F22N-ZR005J5-36 886-004RB-F22N-MT005J5-36 886-004RB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-G10M-M030J5-36 886-004RA-G10M-ZR030J5-36 886-004RA-G10M-MT030J5-36 886-004RA-G10M-ZMT030J5-36	886-004RB-G10M-M030J5-36 886-004RB-G10M-ZR030J5-36 886-004RB-G10M-MT030J5-36 886-004RB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-H37N-M005J5-36 886-004RA-H37N-ZR005J5-36 886-004RA-H37N-MT005J5-36 886-004RA-H37N-ZMT005J5-36	886-004RB-H37N-M005J5-36 886-004RB-H37N-ZR005J5-36 886-004RB-H37N-MT005J5-36 886-004RB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-K19M-M030J5-36 886-004RA-K19M-ZR030J5-36 886-004RA-K19M-MT030J5-36 886-004RA-K19M-ZMT030J5-36	886-004RB-K19M-M030J5-36 886-004RB-K19M-ZR030J5-36 886-004RB-K19M-MT030J5-36 886-004RB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-J44N-M005J5-36 886-004RA-J44N-ZR005J5-36 886-004RA-J44N-MT005J5-36 886-004RA-J44N-ZMT005J5-36	886-004RB-J44N-M005J5-36 886-004RB-J44N-ZR005J5-36 886-004RB-J44N-MT005J5-36 886-004RB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-004RA-L22M-M030J5-36 886-004RA-L22M-ZR030J5-36 886-004RA-L22M-MT030J5-36 886-004RA-L22M-ZMT030J5-36	886-004RB-L22M-M030J5-36 886-004RB-L22M-ZR030J5-36 886-004RB-L22M-MT030J5-36 886-004RB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012

Series 88 SuperFly
Series 880 QDC Cordsets, Single-Ended
 886-001P, 886-002P, 886-003R, 886-004R



OVERMOLDED QDC CORDSETS, SINGLE-ENDED WITH SHIELDED, JACKETED CABLE

Superfly QDC cordsets are available with a wide range of options. The table below contains additional wire sizes, color codes and lengths.

Single-Ended Overmolded QDC Cordsets: supplemental ordering information													
Sample Part Number													
886-001P	A	-C2M2N			-M	035J			5	-36			
Series	Insert Style	Shell Size and Contact Arrangement			Shell Material / Finish	Wiring Code (AWG, Wire Type)			Wire Color	Wire Length			
886-001P QDC Plug Cordset, Shielded, Braided Nylon Jacket 	A Unshrouded Contacts	Shell Size, Contact Arr.	Shell Size	No. of Contacts			Layouts with 5A. Contacts			5 Full Color Code (Wires 1-9 solid color, wires 10-up are striped)	Overall length in inches measured from front of connector		
				5A.	3A.	1A.	Contact Arr.	AWG	Code				
	B Shrouded Contacts	B7N	B	—	—	7	E3W G7W H10W	#22	100J				
		C10N	C	—	—	10		#24	200J				
		C2M2N	C	—	2	2		#26	300J				
		D3M	D	—	3	—		#28	400J				
		D2W2N	D	2	—	2		Combo Layouts with 5A. and 1A. Contacts					
	886-002P QDC Plug Cordset, Shielded, Polyurethane Jacket 	B Shrouded Contacts are recessed within the insulator.					Contact Arr.	1A.	5A.			Code	
			E3W E19N E4M4N F22N F4W4N G7W G10M G6M10N H10W H37N H6W14N J44N J7W19N K19M K13M19N L22M	E	3	—	—	D2W2N F4W4N H6W14N J7W19N	#30			#22	105J
				E	—	—	19		#30			#24	205J
E				—	4	4	#30		#26	305J			
F				—	—	22	#30		#28	405J			
F				4	—	4	#32		#22	106J			
G			7	—	—	#32	#24	206J					
G			—	10	—	#32	#26	306J					
G			—	6	10	#32	#28	406J					
H			10	—	—	Layouts with 3A. Contacts							
886-003R QDC Receptacle Cordset, Shielded, Braided Nylon Jacket 	B Shrouded Contacts are recessed within the insulator.					Contact Arr.	AWG		Code				
		H37N H6W14N J44N J7W19N K19M K13M19N L22M	J	7	—	19	D3M G10M K19M	#24	020J				
								#26	030J				
								#28	040J				
								#30	050J				
								Combo Layouts with 3A. and 1A. Contacts					
		Contact Arr.	1A.	3A.	Code								
		C2M2N E4M4N G6M10N K13M19N	#30	#24	025J								
			#30	#26	035J								
			#30	#28	045J								
#32	#24		026J										
#32	#26		036J										
#32	#28	046J											
Layouts with 1A. Contacts													
Contact Arr.	AWG		Code										
B7N C10N E19N F22N H37N J44N	#30		005J										
	#32		006J										

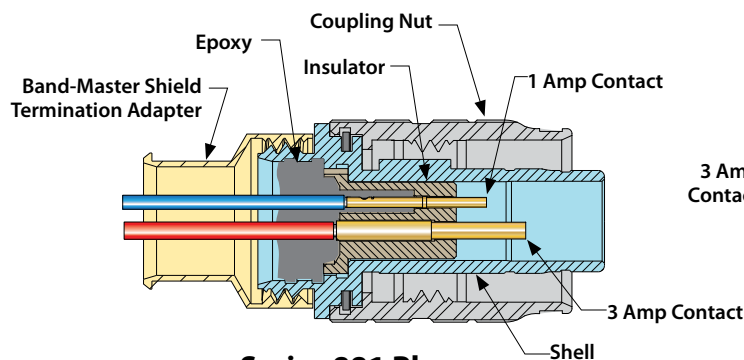
Series 88 SuperFly

Series 881 Threaded Coupling Connectors

SERIES 881 THREADED COUPLING SUPERFLY CONNECTORS

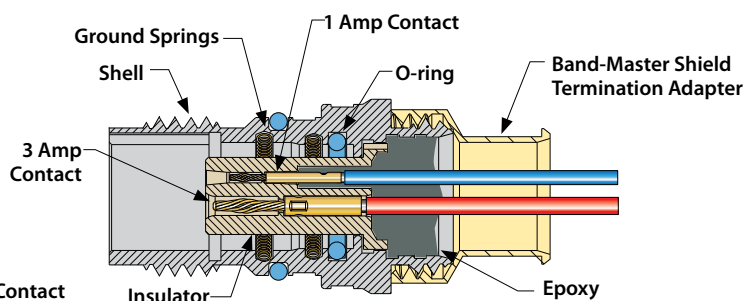
Compact, ultralightweight *SuperFly* QDC connectors feature secure threaded coupling, EMI shielding and IP67 ingress protection. Available in a variety of layouts and sizes for audio, video, power and data applications, Series 881 connectors are ideal for man-portable electronics where size and weight are prime considerations.

- Ultrasmall size for maximum size and weight reduction
- Threaded coupling with positive lock
- Three contact sizes: 5 amp, 3 amp and 1 amp
- Meets MIL-STD-810 environmental requirements
- Aluminum or SST



Series 881 Plug

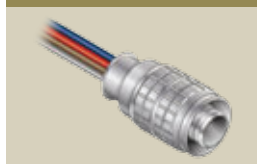
Shown with Type A Unshrouded Insert



Series 881 Receptacle

Shown with Type B Shrouded Insert

**Cable Plug with
Pigtail Wires
881-001P**



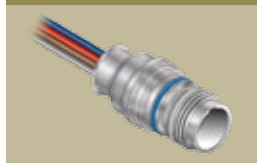
Page E-3

**Overmolded,
Shielded Cable Plug
886-002P**



Page F-3

**Cable Receptacle
with Pigtail Wires
881-002R**



Page E-5

**Overmolded Cable
Receptacle
886-004R**



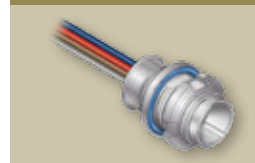
Page F-5

**Panel Receptacle,
Pigtail, Front Mount
880-003R**



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**Panel Receptacle,
Pigtail, Rear Mount
880-004R**



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Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012

Series 88 SuperFly Series 881 Threaded Coupling Connectors



ABOUT SHROUDED AND UNSHROUDED SUPERFLY CONFIGURATIONS

Shrouded contacts are recessed within the insulator. Unshrouded contacts stick out from the insert face. Figure 1 shows a shrouded insert, and figure 2 illustrates an unshrouded insert. Shrouded inserts contain 1 amp and 3 amp pin contacts along with 5 amp socket contacts.

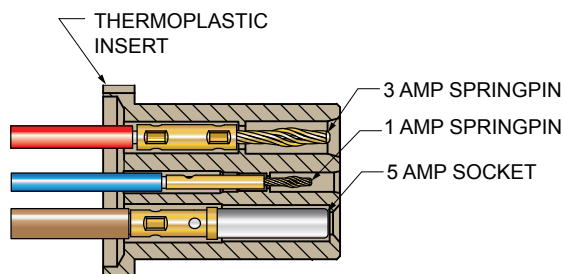


Figure 1
Shrouded Type B Insert

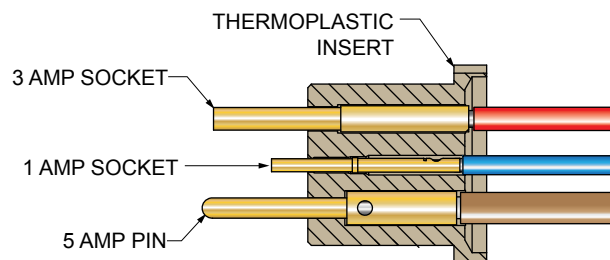


Figure 2
Unshrouded Type A Insert

ABOUT SUPERFLY MATERIALS AND FINISHES

Four standard material and finish options are available.

- 1 Aluminum shell with **Electroless Nickel (EN)**. High reflectivity and poor corrosion resistance make nickel a poor choice for tactical systems, but nickel is preferred for avionics systems, space vehicles, medical equipment and test gear where corrosion is not a primary concern. Nickel is highly conductive and is excellent for EMI-protected systems.
- 2 Aluminum shell with **Black Zinc-Nickel (Zn-Ni)**. Although less conductive than other finishes, non-reflective black Zn-Ni is a typical choice for soldier gear. Corrosion resistance is very good.
- 3 Aluminum shell with **Electroless Nickel-PTFE (EN-PTFE)**. Excellent durability, corrosion resistance and conductivity. Non-reflective EN-PTFE is a primary choice for any harsh environment. Inherently lubricious, resists galling.
- 4 Stainless steel shell with **Electroless Nickel-PTFE (EN-PTFE)**. Suitable for any application where durability takes precedence over weight and cost. Highly conductive and non-reflective Ni-ETFE finish is suitable for aerospace and tactical systems.

Material and Finish Comparison Data

	Alum EN	Alum Zn-Ni	Alum EN-PTFE	SST EN-PTFE
Glenair Code	M	ZR	MT	ZMT
Corrosion Resistance	Poor	Good	Very Good	Excellent
RoHS Compliance*	Yes	Yes	Yes	Yes
Conductivity	Excellent	Good	Excellent	Excellent
Reflectivity	Reflective	Non-reflective	Non-reflective	Non-reflective
Cost	\$	\$\$\$	\$\$\$	\$\$\$\$\$

* Meets DoD directives and European regulations for elimination of cadmium and hexavalent chromate.

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)

Dimensions in inches (millimeters) and are subject to change without notice.



Series 88 SuperFly

Series 881 Threaded Coupling Connectors

881-001 Cable Plugs

CABLE PLUGS WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH



Series 881 threaded coupling plugs are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for soldier systems and other applications where reduced size and weight are critical.

Contact Arrangements

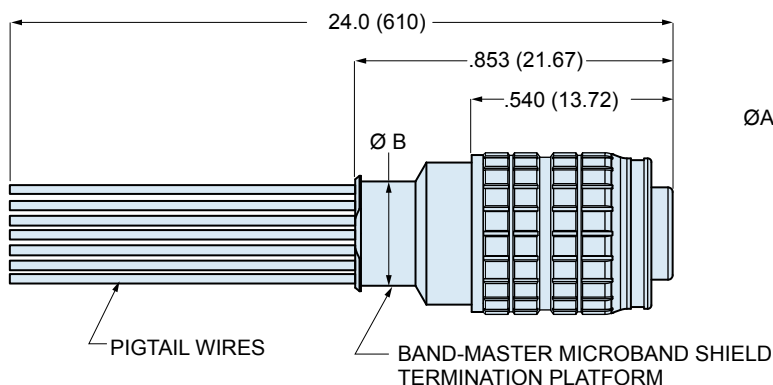
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A		Ø B	
	In.	mm.	In.	mm.
B	.356	9.04	.199	5.05
C	.375	9.53	.224	5.69
D	.395	10.03	.237	6.02
E	.415	10.54	.263	6.68
F	.434	11.02	.282	7.16
G	.454	11.53	.304	7.72
H	.493	12.52	.341	8.66
J	.533	13.54	.369	9.37
K	.553	14.05	.391	9.93
L	.592	15.04	.430	10.92

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October 2012

Series 88 SuperFly
Series 881 Threaded Coupling Connectors
881-001 Cable Plugs



Series 88 SuperFly

881-001 THREADED COUPLING CABLE PLUGS WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-E3W-M200J5-24 881-001PA-E3W-ZR200J5-24 881-001PA-E3W-MT200J5-24 881-001PA-E3W-ZMT200J5-24	881-001PB-E3W-M200J5-24 881-001PB-E3W-ZR200J5-24 881-001PB-E3W-MT200J5-24 881-001PB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-C2M2N-M035J5-24 881-001PA-C2M2N-ZR035J5-24 881-001PA-C2M2N-MT035J5-24 881-001PA-C2M2N-ZMT035J5-24	881-001PB-C2M2N-M035J5-24 881-001PB-C2M2N-ZR035J5-24 881-001PB-C2M2N-MT035J5-24 881-001PB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-G7W-M200J5-24 881-001PA-G7W-ZR200J5-24 881-001PA-G7W-MT200J5-24 881-001PA-G7W-ZMT200J5-24	881-001PB-G7W-M200J5-24 881-001PB-G7W-ZR200J5-24 881-001PB-G7W-MT200J5-24 881-001PB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-E4M4N-M035J5-24 881-001PA-E4M4N-ZR035J5-24 881-001PA-E4M4N-MT035J5-24 881-001PA-E4M4N-ZMT035J5-24	881-001PB-E4M4N-M035J5-24 881-001PB-E4M4N-ZR035J5-24 881-001PB-E4M4N-MT035J5-24 881-001PB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-H10W-M200J5-24 881-001PA-H10W-ZR200J5-24 881-001PA-H10W-MT200J5-24 881-001PA-H10W-ZMT200J5-24	881-001PB-H10W-M200J5-24 881-001PB-H10W-ZR200J5-24 881-001PB-H10W-MT200J5-24 881-001PB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-G6M10N-M035J5-24 881-001PA-G6M10N-ZR035J5-24 881-001PA-G6M10N-MT035J5-24 881-001PA-G6M10N-ZMT035J5-24	881-001PB-G6M10N-M035J5-24 881-001PB-G6M10N-ZR035J5-24 881-001PB-G6M10N-MT035J5-24 881-001PB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-D2W2N-M205J5-24 881-001PA-D2W2N-ZR205J5-24 881-001PA-D2W2N-MT205J5-24 881-001PA-D2W2N-ZMT205J5-24	881-001PB-D2W2N-M205J5-24 881-001PB-D2W2N-ZR205J5-24 881-001PB-D2W2N-MT205J5-24 881-001PB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-K13M19N-M035J5-24 881-001PA-K13M19N-ZR035J5-24 881-001PA-K13M19N-MT035J5-24 881-001PA-K13M19N-ZMT035J5-24	881-001PB-K13M19N-M035J5-24 881-001PB-K13M19N-ZR035J5-24 881-001PB-K13M19N-MT035J5-24 881-001PB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-F4W4N-M205J5-24 881-001PA-F4W4N-ZR205J5-24 881-001PA-F4W4N-MT205J5-24 881-001PA-F4W4N-ZMT205J5-24	881-001PB-F4W4N-M205J5-24 881-001PB-F4W4N-ZR205J5-24 881-001PB-F4W4N-MT205J5-24 881-001PB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-B7N-M005J5-24 881-001PA-B7N-ZR005J5-24 881-001PA-B7N-MT005J5-24 881-001PA-B7N-ZMT005J5-24	881-001PB-B7N-M005J5-24 881-001PB-B7N-ZR005J5-24 881-001PB-B7N-MT005J5-24 881-001PB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-H6W14N-M205J5-24 881-001PA-H6W14N-ZR205J5-24 881-001PA-H6W14N-MT205J5-24 881-001PA-H6W14N-ZMT205J5-24	881-001PB-H6W14N-M205J5-24 881-001PB-H6W14N-ZR205J5-24 881-001PB-H6W14N-MT205J5-24 881-001PB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-C10N-M005J5-24 881-001PA-C10N-ZR005J5-24 881-001PA-C10N-MT005J5-24 881-001PA-C10N-ZMT005J5-24	881-001PB-C10N-M005J5-24 881-001PB-C10N-ZR005J5-24 881-001PB-C10N-MT005J5-24 881-001PB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-J7W19N-M205J5-24 881-001PA-J7W19N-ZR205J5-24 881-001PA-J7W19N-MT205J5-24 881-001PA-J7W19N-ZMT205J5-24	881-001PB-J7W19N-M205J5-24 881-001PB-J7W19N-ZR205J5-24 881-001PB-J7W19N-MT205J5-24 881-001PB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-E19N-M005J5-24 881-001PA-E19N-ZR005J5-24 881-001PA-E19N-MT005J5-24 881-001PA-E19N-ZMT005J5-24	881-001PB-E19N-M005J5-24 881-001PB-E19N-ZR005J5-24 881-001PB-E19N-MT005J5-24 881-001PB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-D3M-M030J5-24 881-001PA-D3M-ZR030J5-24 881-001PA-D3M-MT030J5-24 881-001PA-D3M-ZMT030J5-24	881-001PB-D3M-M030J5-24 881-001PB-D3M-ZR030J5-24 881-001PB-D3M-MT030J5-24 881-001PB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-F22N-M005J5-24 881-001PA-F22N-ZR005J5-24 881-001PA-F22N-MT005J5-24 881-001PA-F22N-ZMT005J5-24	881-001PB-F22N-M005J5-24 881-001PB-F22N-ZR005J5-24 881-001PB-F22N-MT005J5-24 881-001PB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-G10M-M030J5-24 881-001PA-G10M-ZR030J5-24 881-001PA-G10M-MT030J5-24 881-001PA-G10M-ZMT030J5-24	881-001PB-G10M-M030J5-24 881-001PB-G10M-ZR030J5-24 881-001PB-G10M-MT030J5-24 881-001PB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-H37N-M005J5-24 881-001PA-H37N-ZR005J5-24 881-001PA-H37N-MT005J5-24 881-001PA-H37N-ZMT005J5-24	881-001PB-H37N-M005J5-24 881-001PB-H37N-ZR005J5-24 881-001PB-H37N-MT005J5-24 881-001PB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-K19M-M030J5-24 881-001PA-K19M-ZR030J5-24 881-001PA-K19M-MT030J5-24 881-001PA-K19M-ZMT030J5-24	881-001PB-K19M-M030J5-24 881-001PB-K19M-ZR030J5-24 881-001PB-K19M-MT030J5-24 881-001PB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-J44N-M005J5-24 881-001PA-J44N-ZR005J5-24 881-001PA-J44N-MT005J5-24 881-001PA-J44N-ZMT005J5-24	881-001PB-J44N-M005J5-24 881-001PB-J44N-ZR005J5-24 881-001PB-J44N-MT005J5-24 881-001PB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-001PA-L22M-M030J5-24 881-001PA-L22M-ZR030J5-24 881-001PA-L22M-MT030J5-24 881-001PA-L22M-ZMT030J5-24	881-001PB-L22M-M030J5-24 881-001PB-L22M-ZR030J5-24 881-001PB-L22M-MT030J5-24 881-001PB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly

Series 881 Threaded Coupling Connectors

881-002 Cable Receptacles

CABLE RECEPTACLES, PIGTAIL WIRES, 24 INCHES OVERALL LENGTH



Series 881 threaded coupling receptacles are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

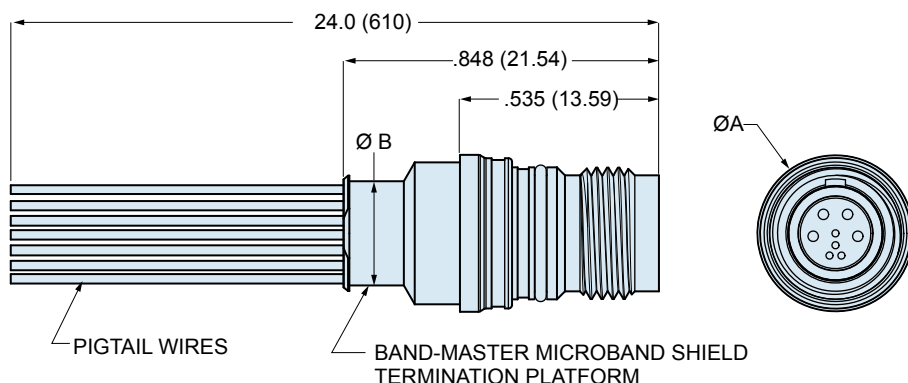
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A		Ø B	
	In.	mm.	In.	mm.
B	.339	8.61	.199	5.05
C	.364	9.25	.224	5.69
D	.377	9.58	.237	6.02
E	.403	10.24	.263	6.68
F	.422	10.72	.282	7.16
G	.444	11.28	.304	7.72
H	.481	12.22	.341	8.66
J	.509	12.93	.369	9.37
K	.531	13.49	.391	9.93
L	.570	14.48	.430	10.92

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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October 2012

Series 88 SuperFly
Series 881 Threaded Coupling Connectors
881-002 Cable Receptacles



Series 88 SuperFly

881-002 THREADED COUPLING CABLE RECEPTACLES WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-E3W-M200J5-24 881-002RA-E3W-ZR200J5-24 881-002RA-E3W-MT200J5-24 881-002RA-E3W-ZMT200J5-24	881-002RB-E3W-M200J5-24 881-002RB-E3W-ZR200J5-24 881-002RB-E3W-MT200J5-24 881-002RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-C2M2N-M035J5-24 881-002RA-C2M2N-ZR035J5-24 881-002RA-C2M2N-MT035J5-24 881-002RA-C2M2N-ZMT035J5-24	881-002RB-C2M2N-M035J5-24 881-002RB-C2M2N-ZR035J5-24 881-002RB-C2M2N-MT035J5-24 881-002RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-G7W-M200J5-24 881-002RA-G7W-ZR200J5-24 881-002RA-G7W-MT200J5-24 881-002RA-G7W-ZMT200J5-24	881-002RB-G7W-M200J5-24 881-002RB-G7W-ZR200J5-24 881-002RB-G7W-MT200J5-24 881-002RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-E4M4N-M035J5-24 881-002RA-E4M4N-ZR035J5-24 881-002RA-E4M4N-MT035J5-24 881-002RA-E4M4N-ZMT035J5-24	881-002RB-E4M4N-M035J5-24 881-002RB-E4M4N-ZR035J5-24 881-002RB-E4M4N-MT035J5-24 881-002RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-H10W-M200J5-24 881-002RA-H10W-ZR200J5-24 881-002RA-H10W-MT200J5-24 881-002RA-H10W-ZMT200J5-24	881-002RB-H10W-M200J5-24 881-002RB-H10W-ZR200J5-24 881-002RB-H10W-MT200J5-24 881-002RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-G6M10N-M035J5-24 881-002RA-G6M10N-ZR035J5-24 881-002RA-G6M10N-MT035J5-24 881-002RA-G6M10N-MT035J5-24	881-002RB-G6M10N-M035J5-24 881-002RB-G6M10N-ZR035J5-24 881-002RB-G6M10N-MT035J5-24 881-002RB-G6M10N-MT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-D2W2N-M205J5-24 881-002RA-D2W2N-ZR205J5-24 881-002RA-D2W2N-MT205J5-24 881-002RA-D2W2N-ZMT205J5-24	881-002RB-D2W2N-M205J5-24 881-002RB-D2W2N-ZR205J5-24 881-002RB-D2W2N-MT205J5-24 881-002RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-K13M19N-M035J5-24 881-002RA-K13M19N-ZR035J5-24 881-002RA-K13M19N-MT035J5-24 881-002RA-K13M19N-MT035J5-24	881-002RB-K13M19N-M035J5-24 881-002RB-K13M19N-ZR035J5-24 881-002RB-K13M19N-MT035J5-24 881-002RB-K13M19N-MT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-F4W4N-M205J5-24 881-002RA-F4W4N-ZR205J5-24 881-002RA-F4W4N-MT205J5-24 881-002RA-F4W4N-ZMT205J5-24	881-002RB-F4W4N-M205J5-24 881-002RB-F4W4N-ZR205J5-24 881-002RB-F4W4N-MT205J5-24 881-002RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-B7N-M005J5-24 881-002RA-B7N-ZR005J5-24 881-002RA-B7N-MT005J5-24 881-002RA-B7N-ZMT005J5-24	881-002RB-B7N-M005J5-24 881-002RB-B7N-ZR005J5-24 881-002RB-B7N-MT005J5-24 881-002RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-H6W14N-M205J5-24 881-002RA-H6W14N-ZR205J5-24 881-002RA-H6W14N-MT205J5-24 881-002RA-H6W14N-MT205J5-24	881-002RB-H6W14N-M205J5-24 881-002RB-H6W14N-ZR205J5-24 881-002RB-H6W14N-MT205J5-24 881-002RB-H6W14N-MT205J5-24		(10) 1A C10N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-C10N-M005J5-24 881-002RA-C10N-ZR005J5-24 881-002RA-C10N-MT005J5-24 881-002RA-C10N-MT005J5-24	881-002RB-C10N-M005J5-24 881-002RB-C10N-ZR005J5-24 881-002RB-C10N-MT005J5-24 881-002RB-C10N-MT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-J7W19N-M205J5-24 881-002RA-J7W19N-ZR205J5-24 881-002RA-J7W19N-MT205J5-24 881-002RA-J7W19N-MT205J5-24	881-002RB-J7W19N-M205J5-24 881-002RB-J7W19N-ZR205J5-24 881-002RB-J7W19N-MT205J5-24 881-002RB-J7W19N-MT205J5-24		(19) 1A E19N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-E19N-M005J5-24 881-002RA-E19N-ZR005J5-24 881-002RA-E19N-MT005J5-24 881-002RA-E19N-MT005J5-24	881-002RB-E19N-M005J5-24 881-002RB-E19N-ZR005J5-24 881-002RB-E19N-MT005J5-24 881-002RB-E19N-MT005J5-24
	(3) 3A D3M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-D3M-M030J5-24 881-002RA-D3M-ZR030J5-24 881-002RA-D3M-MT030J5-24 881-002RA-D3M-MT030J5-24	881-002RB-D3M-M030J5-24 881-002RB-D3M-ZR030J5-24 881-002RB-D3M-MT030J5-24 881-002RB-D3M-MT030J5-24		(22) 1A F22N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-F22N-M005J5-24 881-002RA-F22N-ZR005J5-24 881-002RA-F22N-MT005J5-24 881-002RA-F22N-MT005J5-24	881-002RB-F22N-M005J5-24 881-002RB-F22N-ZR005J5-24 881-002RB-F22N-MT005J5-24 881-002RB-F22N-MT005J5-24
	(10) 3A G10M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-G10M-M030J5-24 881-002RA-G10M-ZR030J5-24 881-002RA-G10M-MT030J5-24 881-002RA-G10M-MT030J5-24	881-002RB-G10M-M030J5-24 881-002RB-G10M-ZR030J5-24 881-002RB-G10M-MT030J5-24 881-002RB-G10M-MT030J5-24		(37) 1A H37N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-H37N-M005J5-24 881-002RA-H37N-ZR005J5-24 881-002RA-H37N-MT005J5-24 881-002RA-H37N-MT005J5-24	881-002RB-H37N-M005J5-24 881-002RB-H37N-ZR005J5-24 881-002RB-H37N-MT005J5-24 881-002RB-H37N-MT005J5-24
	(19) 3A K19M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-K19M-M030J5-24 881-002RA-K19M-ZR030J5-24 881-002RA-K19M-MT030J5-24 881-002RA-K19M-MT030J5-24	881-002RB-K19M-M030J5-24 881-002RB-K19M-ZR030J5-24 881-002RB-K19M-MT030J5-24 881-002RB-K19M-MT030J5-24		(44) 1A J44N	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-J44N-M005J5-24 881-002RA-J44N-ZR005J5-24 881-002RA-J44N-MT005J5-24 881-002RA-J44N-MT005J5-24	881-002RB-J44N-M005J5-24 881-002RB-J44N-ZR005J5-24 881-002RB-J44N-MT005J5-24 881-002RB-J44N-MT005J5-24
	(22) 3A L22M	Al/Nickel Al/Blk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-002RA-L22M-M030J5-24 881-002RA-L22M-ZR030J5-24 881-002RA-L22M-MT030J5-24 881-002RA-L22M-MT030J5-24	881-002RB-L22M-M030J5-24 881-002RB-L22M-ZR030J5-24 881-002RB-L22M-MT030J5-24 881-002RB-L22M-MT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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E-Mail: sales@glenair.com

October 2012



Series 88 SuperFly

Series 881 Threaded Coupling Connectors

881-003 Front Panel Mount Receptacles

FRONT PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 IN.



Series 881 threaded coupling receptacles are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

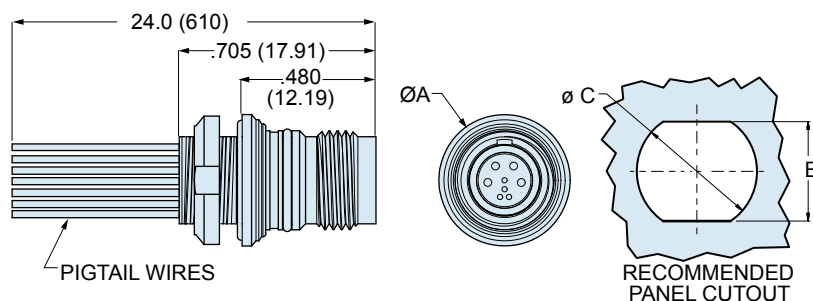
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A		B		Ø C	
	In.	mm.	In.	mm.	In.	mm.
B	.339	8.61	.236	5.99	.282	7.16
C	.364	9.25	.256	6.50	.302	7.67
D	.377	9.58	.276	7.01	.321	8.15
E	.403	10.24	.296	7.52	.341	8.66
F	.422	10.72	.315	8.00	.361	9.17
G	.444	11.28	.335	8.51	.380	9.65
H	.481	12.22	.374	9.50	.420	10.67
J	.509	12.93	.394	10.01	.439	11.15
K	.531	13.49	.414	10.52	.459	11.66
L	.570	14.48	.453	11.51	.498	12.65

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012

Series 88 SuperFly
Series 881 Threaded Coupling Connectors
881-003 Front Panel Mount Receptacles



Series 88 SuperFly

881-003 FRONT PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-E3W-M200J5-24 881-003RA-E3W-ZR200J5-24 881-003RA-E3W-MT200J5-24 881-003RA-E3W-ZMT200J5-24	881-003RB-E3W-M200J5-24 881-003RB-E3W-ZR200J5-24 881-003RB-E3W-MT200J5-24 881-003RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-C2M2N-M035J5-24 881-003RA-C2M2N-ZR035J5-24 881-003RA-C2M2N-MT035J5-24 881-003RA-C2M2N-ZMT035J5-24	881-003RB-C2M2N-M035J5-24 881-003RB-C2M2N-ZR035J5-24 881-003RB-C2M2N-MT035J5-24 881-003RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-G7W-M200J5-24 881-003RA-G7W-ZR200J5-24 881-003RA-G7W-MT200J5-24 881-003RA-G7W-ZMT200J5-24	881-003RB-G7W-M200J5-24 881-003RB-G7W-ZR200J5-24 881-003RB-G7W-MT200J5-24 881-003RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-E4M4N-M035J5-24 881-003RA-E4M4N-ZR035J5-24 881-003RA-E4M4N-MT035J5-24 881-003RA-E4M4N-ZMT035J5-24	881-003RB-E4M4N-M035J5-24 881-003RB-E4M4N-ZR035J5-24 881-003RB-E4M4N-MT035J5-24 881-003RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-H10W-M200J5-24 881-003RA-H10W-ZR200J5-24 881-003RA-H10W-MT200J5-24 881-003RA-H10W-ZMT200J5-24	881-003RB-H10W-M200J5-24 881-003RB-H10W-ZR200J5-24 881-003RB-H10W-MT200J5-24 881-003RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-G6M10N-M035J5-24 881-003RA-G6M10N-ZR035J5-24 881-003RA-G6M10N-MT035J5-24 881-003RA-G6M10N-MT035J5-24	881-003RB-G6M10N-M035J5-24 881-003RB-G6M10N-ZR035J5-24 881-003RB-G6M10N-MT035J5-24 881-003RB-G6M10N-MT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-D2W2N-M205J5-24 881-003RA-D2W2N-ZR205J5-24 881-003RA-D2W2N-MT205J5-24 881-003RA-D2W2N-ZMT205J5-24	881-003RB-D2W2N-M205J5-24 881-003RB-D2W2N-ZR205J5-24 881-003RB-D2W2N-MT205J5-24 881-003RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-K13M19N-M035J5-24 881-003RA-K13M19N-ZR035J5-24 881-003RA-K13M19N-MT035J5-24 881-003RA-K13M19N-ZMT035J5-24	881-003RB-K13M19N-M035J5-24 881-003RB-K13M19N-ZR035J5-24 881-003RB-K13M19N-MT035J5-24 881-003RB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-F4W4N-M205J5-24 881-003RA-F4W4N-ZR205J5-24 881-003RA-F4W4N-MT205J5-24 881-003RA-F4W4N-ZMT205J5-24	881-003RB-F4W4N-M205J5-24 881-003RB-F4W4N-ZR205J5-24 881-003RB-F4W4N-MT205J5-24 881-003RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-B7N-M005J5-24 881-003RA-B7N-ZR005J5-24 881-003RA-B7N-MT005J5-24 881-003RA-B7N-ZMT005J5-24	881-003RB-B7N-M005J5-24 881-003RB-B7N-ZR005J5-24 881-003RB-B7N-MT005J5-24 881-003RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-H6W14N-M205J5-24 881-003RA-H6W14N-ZR205J5-24 881-003RA-H6W14N-MT205J5-24 881-003RA-H6W14N-MT205J5-24	881-003RB-H6W14N-M205J5-24 881-003RB-H6W14N-ZR205J5-24 881-003RB-H6W14N-MT205J5-24 881-003RB-H6W14N-MT205J5-24		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-C10N-M005J5-24 881-003RA-C10N-ZR005J5-24 881-003RA-C10N-MT005J5-24 881-003RA-C10N-ZMT005J5-24	881-003RB-C10N-M005J5-24 881-003RB-C10N-ZR005J5-24 881-003RB-C10N-MT005J5-24 881-003RB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-J7W19N-M205J5-24 881-003RA-J7W19N-ZR205J5-24 881-003RA-J7W19N-MT205J5-24 881-003RA-J7W19N-ZMT205J5-24	881-003RB-J7W19N-M205J5-24 881-003RB-J7W19N-ZR205J5-24 881-003RB-J7W19N-MT205J5-24 881-003RB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-E19N-M005J5-24 881-003RA-E19N-ZR005J5-24 881-003RA-E19N-MT005J5-24 881-003RA-E19N-ZMT005J5-24	881-003RB-E19N-M005J5-24 881-003RB-E19N-ZR005J5-24 881-003RB-E19N-MT005J5-24 881-003RB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-D3M-M030J5-24 881-003RA-D3M-ZR030J5-24 881-003RA-D3M-MT030J5-24 881-003RA-D3M-ZMT030J5-24	881-003RB-D3M-M030J5-24 881-003RB-D3M-ZR030J5-24 881-003RB-D3M-MT030J5-24 881-003RB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-F22N-M005J5-24 881-003RA-F22N-ZR005J5-24 881-003RA-F22N-MT005J5-24 881-003RA-F22N-ZMT005J5-24	881-003RB-F22N-M005J5-24 881-003RB-F22N-ZR005J5-24 881-003RB-F22N-MT005J5-24 881-003RB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-G10M-M030J5-24 881-003RA-G10M-ZR030J5-24 881-003RA-G10M-MT030J5-24 881-003RA-G10M-ZMT030J5-24	881-003RB-G10M-M030J5-24 881-003RB-G10M-ZR030J5-24 881-003RB-G10M-MT030J5-24 881-003RB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-H37N-M005J5-24 881-003RA-H37N-ZR005J5-24 881-003RA-H37N-MT005J5-24 881-003RA-H37N-ZMT005J5-24	881-003RB-H37N-M005J5-24 881-003RB-H37N-ZR005J5-24 881-003RB-H37N-MT005J5-24 881-003RB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-K19M-M030J5-24 881-003RA-K19M-ZR030J5-24 881-003RA-K19M-MT030J5-24 881-003RA-K19M-MT030J5-24	881-003RB-K19M-M030J5-24 881-003RB-K19M-ZR030J5-24 881-003RB-K19M-MT030J5-24 881-003RB-K19M-MT030J5-24		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-J44N-M005J5-24 881-003RA-J44N-ZR005J5-24 881-003RA-J44N-MT005J5-24 881-003RA-J44N-ZMT005J5-24	881-003RB-J44N-M005J5-24 881-003RB-J44N-ZR005J5-24 881-003RB-J44N-MT005J5-24 881-003RB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-003RA-L22M-M030J5-24 881-003RA-L22M-ZR030J5-24 881-003RA-L22M-MT030J5-24 881-003RA-L22M-ZMT030J5-24	881-003RB-L22M-M030J5-24 881-003RB-L22M-ZR030J5-24 881-003RB-L22M-MT030J5-24 881-003RB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly

Series 881 Threaded Coupling Connectors

881-004 Rear Panel Mount Receptacles

REAR PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 IN.



Series 881 threaded coupling receptacles are pre-wired and sealed with epoxy. Integral shield termination platform. Three contact sizes are available, 5A, 3A and 1A. Aluminum or stainless steel housings, thermoplastic insulator, high-strength wire with crosslinked ETFE insulation. High performance contacts, crimp termination to wires. Ultraminiature Superfly connectors are ideal for solder systems and other applications where reduced size and weight are critical.

Contact Arrangements

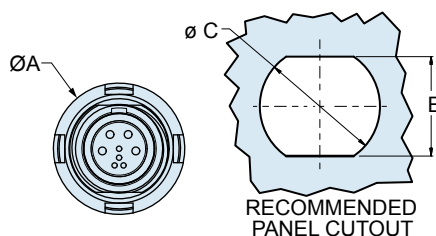
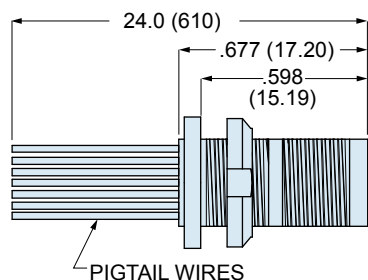
5 AMP		COMBO 5 AMP & 1 AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A

Product Specifications

Description	5 Amp Contact	3 Amp Contact	1 Amp Contact
Current Rating	5A	3A	1A
Wire Size	#24 AWG	#26 AWG	#30 AWG
Dielectric Withstanding Voltage	500Vac	600Vac	250Vac
Contact Resistance	20 milliohms	32 milliohms	80 milliohms
Temperature Range	-55°C to +150°C		
Durability (mating cycles)	2000		
Corrosion (salt fog)	Nickel finish 48 hours, other finishes 500 hours		
Water Immersion, Mated	MIL-STD-810 Method 512, 1 meter, 2 hours		
Ingress Protection	IP 67		
Vibration	37g		
Shock	300g		

Materials and Finishes

Insulator	Thermoplastic, glass-filled
Shell	Aluminum or stainless steel
1A. Contact	Precious metal alloy pin, gold-plated copper alloy socket
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	High strength silver-coated copper alloy, ETFE insulation (M22759/33 or equiv.)



Dimensions

Shell Size	Ø A		B		Ø C	
	In.	mm.	In.	mm.	In.	mm.
B	.392	9.96	.236	5.99	.282	7.16
C	.412	10.46	.256	6.50	.302	7.67
D	.432	10.97	.276	7.01	.321	8.15
E	.451	11.46	.296	7.52	.341	8.66
F	.471	11.96	.315	8.00	.361	9.17
G	.491	12.47	.335	8.51	.380	9.65
H	.530	13.46	.374	9.50	.420	10.67
J	.569	14.45	.394	10.01	.439	11.15
K	.589	14.96	.433	11.00	.478	12.14
L	.628	15.95	.473	12.01	.518	13.16

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October 2012

Series 88 SuperFly
Series 881 Threaded Coupling Connectors
881-004 Rear Panel Mount Receptacles



Series 88 SuperFly

881-004 REAR PANEL MOUNT RECEPTACLES WITH PIGTAIL WIRES, 24 INCHES OVERALL LENGTH

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-E3W-M200J5-24 881-004RA-E3W-ZR200J5-24 881-004RA-E3W-MT200J5-24 881-004RA-E3W-ZMT200J5-24	881-004RB-E3W-M200J5-24 881-004RB-E3W-ZR200J5-24 881-004RB-E3W-MT200J5-24 881-004RB-E3W-ZMT200J5-24		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-C2M2N-M035J5-24 881-004RA-C2M2N-ZR035J5-24 881-004RA-C2M2N-MT035J5-24 881-004RA-C2M2N-ZMT035J5-24	881-004RB-C2M2N-M035J5-24 881-004RB-C2M2N-ZR035J5-24 881-004RB-C2M2N-MT035J5-24 881-004RB-C2M2N-ZMT035J5-24
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-G7W-M200J5-24 881-004RA-G7W-ZR200J5-24 881-004RA-G7W-MT200J5-24 881-004RA-G7W-ZMT200J5-24	881-004RB-G7W-M200J5-24 881-004RB-G7W-ZR200J5-24 881-004RB-G7W-MT200J5-24 881-004RB-G7W-ZMT200J5-24		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-E4M4N-M035J5-24 881-004RA-E4M4N-ZR035J5-24 881-004RA-E4M4N-MT035J5-24 881-004RA-E4M4N-ZMT035J5-24	881-004RB-E4M4N-M035J5-24 881-004RB-E4M4N-ZR035J5-24 881-004RB-E4M4N-MT035J5-24 881-004RB-E4M4N-ZMT035J5-24
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-H10W-M200J5-24 881-004RA-H10W-ZR200J5-24 881-004RA-H10W-MT200J5-24 881-004RA-H10W-ZMT200J5-24	881-004RB-H10W-M200J5-24 881-004RB-H10W-ZR200J5-24 881-004RB-H10W-MT200J5-24 881-004RB-H10W-ZMT200J5-24		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-G6M10N-M035J5-24 881-004RA-G6M10N-ZR035J5-24 881-004RA-G6M10N-MT035J5-24 881-004RA-G6M10N-ZMT035J5-24	881-004RB-G6M10N-M035J5-24 881-004RB-G6M10N-ZR035J5-24 881-004RB-G6M10N-MT035J5-24 881-004RB-G6M10N-ZMT035J5-24
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-D2W2N-M205J5-24 881-004RA-D2W2N-ZR205J5-24 881-004RA-D2W2N-MT205J5-24 881-004RA-D2W2N-ZMT205J5-24	881-004RB-D2W2N-M205J5-24 881-004RB-D2W2N-ZR205J5-24 881-004RB-D2W2N-MT205J5-24 881-004RB-D2W2N-ZMT205J5-24		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-K13M19N-M035J5-24 881-004RA-K13M19N-ZR035J5-24 881-004RA-K13M19N-MT035J5-24 881-004RA-K13M19N-ZMT035J5-24	881-004RB-K13M19N-M035J5-24 881-004RB-K13M19N-ZR035J5-24 881-004RB-K13M19N-MT035J5-24 881-004RB-K13M19N-ZMT035J5-24
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-F4W4N-M205J5-24 881-004RA-F4W4N-ZR205J5-24 881-004RA-F4W4N-MT205J5-24 881-004RA-F4W4N-ZMT205J5-24	881-004RB-F4W4N-M205J5-24 881-004RB-F4W4N-ZR205J5-24 881-004RB-F4W4N-MT205J5-24 881-004RB-F4W4N-ZMT205J5-24		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-B7N-M005J5-24 881-004RA-B7N-ZR005J5-24 881-004RA-B7N-MT005J5-24 881-004RA-B7N-ZMT005J5-24	881-004RB-B7N-M005J5-24 881-004RB-B7N-ZR005J5-24 881-004RB-B7N-MT005J5-24 881-004RB-B7N-ZMT005J5-24
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-H6W14N-M205J5-24 881-004RA-H6W14N-ZR205J5-24 881-004RA-H6W14N-MT205J5-24 881-004RA-H6W14N-ZMT205J5-24	881-004RB-H6W14N-M205J5-24 881-004RB-H6W14N-ZR205J5-24 881-004RB-H6W14N-MT205J5-24 881-004RB-H6W14N-ZMT205J5-24		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-C10N-M005J5-24 881-004RA-C10N-ZR005J5-24 881-004RA-C10N-MT005J5-24 881-004RA-C10N-ZMT005J5-24	881-004RB-C10N-M005J5-24 881-004RB-C10N-ZR005J5-24 881-004RB-C10N-MT005J5-24 881-004RB-C10N-ZMT005J5-24
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-J7W19N-M205J5-24 881-004RA-J7W19N-ZR205J5-24 881-004RA-J7W19N-MT205J5-24 881-004RA-J7W19N-ZMT205J5-24	881-004RB-J7W19N-M205J5-24 881-004RB-J7W19N-ZR205J5-24 881-004RB-J7W19N-MT205J5-24 881-004RB-J7W19N-ZMT205J5-24		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-E19N-M005J5-24 881-004RA-E19N-ZR005J5-24 881-004RA-E19N-MT005J5-24 881-004RA-E19N-ZMT005J5-24	881-004RB-E19N-M005J5-24 881-004RB-E19N-ZR005J5-24 881-004RB-E19N-MT005J5-24 881-004RB-E19N-ZMT005J5-24
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-D3M-M030J5-24 881-004RA-D3M-ZR030J5-24 881-004RA-D3M-MT030J5-24 881-004RA-D3M-ZMT030J5-24	881-004RB-D3M-M030J5-24 881-004RB-D3M-ZR030J5-24 881-004RB-D3M-MT030J5-24 881-004RB-D3M-ZMT030J5-24		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-F22N-M005J5-24 881-004RA-F22N-ZR005J5-24 881-004RA-F22N-MT005J5-24 881-004RA-F22N-ZMT005J5-24	881-004RB-F22N-M005J5-24 881-004RB-F22N-ZR005J5-24 881-004RB-F22N-MT005J5-24 881-004RB-F22N-ZMT005J5-24
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-G10M-M030J5-24 881-004RA-G10M-ZR030J5-24 881-004RA-G10M-MT030J5-24 881-004RA-G10M-ZMT030J5-24	881-004RB-G10M-M030J5-24 881-004RB-G10M-ZR030J5-24 881-004RB-G10M-MT030J5-24 881-004RB-G10M-ZMT030J5-24		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-H37N-M005J5-24 881-004RA-H37N-ZR005J5-24 881-004RA-H37N-MT005J5-24 881-004RA-H37N-ZMT005J5-24	881-004RB-H37N-M005J5-24 881-004RB-H37N-ZR005J5-24 881-004RB-H37N-MT005J5-24 881-004RB-H37N-ZMT005J5-24
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-K19M-M030J5-24 881-004RA-K19M-ZR030J5-24 881-004RA-K19M-MT030J5-24 881-004RA-K19M-ZMT030J5-24	881-004RB-K19M-M030J5-24 881-004RB-K19M-ZR030J5-24 881-004RB-K19M-MT030J5-24 881-004RB-K19M-ZMT030J5-24		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-J44N-M005J5-24 881-004RA-J44N-ZR005J5-24 881-004RA-J44N-MT005J5-24 881-004RA-J44N-ZMT005J5-24	881-004RB-J44N-M005J5-24 881-004RB-J44N-ZR005J5-24 881-004RB-J44N-MT005J5-24 881-004RB-J44N-ZMT005J5-24
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	881-004RA-L22M-M030J5-24 881-004RA-L22M-ZR030J5-24 881-004RA-L22M-MT030J5-24 881-004RA-L22M-ZMT030J5-24	881-004RB-L22M-M030J5-24 881-004RB-L22M-ZR030J5-24 881-004RB-L22M-MT030J5-24 881-004RB-L22M-ZMT030J5-24					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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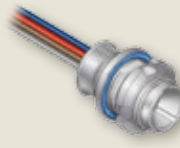


Series 88 SuperFly

Series 881 Threaded Coupling Connectors

Series 881 Threaded Coupling Connectors with PIGTAIL WIRES: supplemental ordering information

Sample Part Number

881-001P	A	-F4W4N	-ZR	100J	1	-18
Series	Insert Style	Shell Size and Contact Arrangement	Shell Material / Finish	Wiring Code (AWG, Wire Type)	Wire Color	Wire Length
881-001P Plug, Cable 	A Unshrouded Contacts	Shell Size, Contact Arr.	M Aluminum / Electroless Nickel RoHS Compliant	Layouts with 5A. Contacts		
				Contact Arr.	AWG	Code
	B Shrouded Contacts	B7N		E3W	#22	100J
		C10N		G7W	#24	200J
881-002R Receptacle, Cable 	Shrouded Contacts	C2M2N	ZR Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant	H10W	#26	300J
		D3M			#28	400J
	Shrouded Contacts are recessed within the insulator.	D2W2N		Combo Layouts with 5A. and 1A. Contacts		
		E3W		Contact Arr.	1A.	5A.
881-003R Receptacle, Front Mount 	Shrouded Contacts	E19N	MT Aluminum / Nickel-PTFE RoHS Compliant	D2W2N	#30	#22 105J
		E4M4N		F4W4N	#30	#24 205J
	Shrouded Contacts	F22N		H6W14N	#30	#26 305J
		F4W4N		J7W19N	#30	#28 405J
881-004R QDC Panel Receptacle, Rear Mount 	Shrouded Contacts	G7W	ZMT Stainless Steel / Nickel-PTFE RoHS Compliant	J7W19N	#32	#22 106J
		G10M			#32	#24 206J
	Shrouded Contacts	G6M10N		Layouts with 3A. Contacts		
		H10W		Contact Arr.	AWG	Code
	Shrouded Contacts	H37N		D3M	#24	020J
		H6W14N		G10M	#26	030J
	Shrouded Contacts	J44N		K19M	#28	040J
		J7W19N			#30	050J
	Shrouded Contacts	K19M		Combo Layouts with 3A. and 1A. Contacts		
		K13M19N		Contact Arr.	1A.	3A.
	Shrouded Contacts	L22M		C2M2N	#30	#24 025J
				E4M4N	#30	#26 035J
	Shrouded Contacts			G6M10N	#30	#28 045J
				K13M19N	#32	#24 026J
	Shrouded Contacts				#32	#26 036J
					#32	#28 046J
	Shrouded Contacts			Layouts with 1A. Contacts		
				Contact Arr.	AWG	Code
	Shrouded Contacts			B7N C10N	#30	005J
				E19N F22N	#32	006J
	Shrouded Contacts			H37N J44N		
	Shrouded Contacts					

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October 2012

Series 88 SuperFly
Series 881 Cordsets, Single-Ended
 886-005P, 886-006P, 886-007R, 886-008R



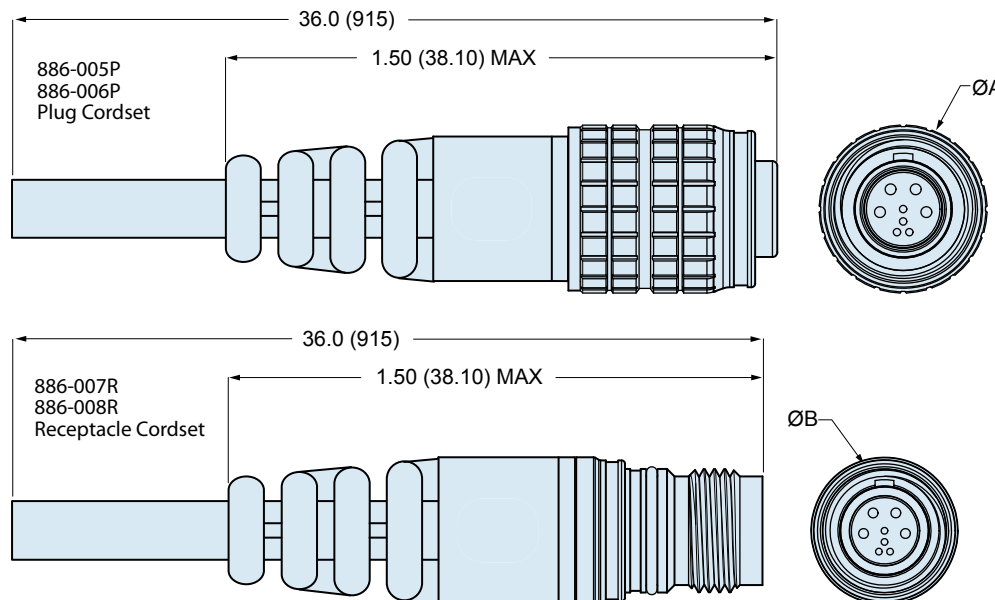
OVERMOLDED QDC CORDSETS WITH SHIELDED, JACKETED CABLE



Overmolded Series 881 pigtail cordsets have ultralight high-strength Amberstrand™ cable shield. 5A contacts are terminated to #22AWG wire, 3A contacts are terminated to #26AWG wire, and 1A contacts are terminated to #30AWG Teflon wire. Color-coded wires. Available with two types of outer jacket: braided nylon jacket for superior flexibility or abrasion-resistant thermoplastic polyurethane. Polyamide overmold. Nickel-plated aluminum assemblies are ideal for protected environments where corrosion is not a problem. Non-reflective nickel-ETFE plated aluminum offers excellent conductivity, durability and corrosion resistance. Black zinc-nickel is preferred for soldier systems. Nickel-ETFE plated stainless steel offers outstanding ruggedness and durability combined with high conductivity and excellent corrosion resistance.

- Three contact sizes: 5A, 3A, and 1A
- Nylon Braid or TPU Jacket

Contact Arrangements										
5 AMP		COMBO 5 AMP & 1AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A		H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A



Dimensions				
Shell Size	Ø A		Ø B	
	In.	mm.	In.	mm.
B	.356	9.04	.339	8.61
C	.375	9.53	.364	9.25
D	.395	10.03	.377	9.58
E	.415	10.54	.403	10.24
F	.434	11.02	.422	10.72
G	.454	11.53	.444	11.28
H	.493	12.52	.481	12.22
J	.533	13.54	.509	12.93
K	.553	14.05	.531	13.49
L	.592	15.04	.570	14.48

Dimensions in inches (millimeters) and are subject to change without notice.

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October 2012



Series 88 SuperFly

Series 881 Cordsets, Threaded Coupling, Single-Ended

886-005P, 886-006P, 886-007R, 886-008R

Materials and Finishes

Insulator	Thermoplastic, glass-reinforced
Shell	Aluminum or stainless steel. See ordering info.
1A. Contact	Precious metal alloy
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	Silver-coated high-strength copper alloy
Wire Insulation	Cross-linked fluoropolymer, color-coded per MIL-STD-681 (1 st 10 are solid color, 11-up are striped)
Overmold	Low smoke zero halogen thermoplastic polyurethane, black
Cable shield	AarmorLite™ microfilament stainless steel, nickel-coated
Shield Coverage	90% minimum coverage
Outer Jacket	Nylon braid or extruded low smoke zero halogen thermoplastic polyurethane (TPU), black

Product Specifications

Current Rating	1A, 3A, 5A (See Contact Arrangements)
DWV	250Vac (1A contact), 600Vac (3A), 500Vac (5A)
Contact Resistance	80 milliohms (1A contact), 32 milliohms (3A), 20 milliohms (5A)
Insulation Resistance	200 megohms minimum
Temperature Range	-30°C to +105°C
Durability	2000 mating cycles
Water Immersion	IP67, MIL-STD-810 Method 512 (1 meter, 2 hours)
Shock	300 g's
Vibration	37 g's
Solvent Resistance, Overmold	Excellent resistance to most solvents, fuels and oils.
Shielding Effectiveness	>55 dB minimum from 100MHz to 1000MHz.

ABOUT SUPERFLY CABLE JACKETS

Two outer jackets are available: extruded thermoplastic polyurethane (TPU) and nylon overbraid. TPU offers excellent all-round performance and is typically specified for military gear and oil exploration equipment. Low-toxicity TPU is non-halogenated and flame-retardant. Braided nylon jackets offer outstanding flexibility. For soldier systems applications, braided jackets are an alternative to TPU jackets if weight and flexibility outweigh the drawbacks of braid; e.g. the possibility of snagging the braid or entrapping contamination.

Outer Jacket Comparison Data

Property	TPU Jacket	Nylon Braid
Flammability	Flame-retardant	Flame-retardant
UL Rating	UL 94V-0	
Temperature Range	-30°C to +105°C	-30°C to +105°C
Flexibility	Good	Excellent
Solvent Resistance	Excellent	Good
Abrasion Resistance	Excellent	Very Good
Toxicity	Low smoke, zero halogen	

ABOUT SUPERFLY MATERIALS AND FINISHES

Four standard material and finish options are available.

- 1 Aluminum shell with **Electroless Nickel** (EN). High reflectivity and poor corrosion resistance make nickel a poor choice for tactical systems, but nickel is preferred for avionics systems, space vehicles, medical equipment and test gear where corrosion is not a primary concern. Nickel is highly conductive and is excellent for EMI-protected systems.
- 2 Aluminum shell with **Black Zinc-Nickel** (Zn-Ni). Although less conductive than other finishes, non-reflective black Zn-Ni is a typical choice for soldier gear. Corrosion resistance is very good.
- 3 Aluminum shell with **Electroless Nickel-PTFE** (EN-PTFE). Excellent durability, corrosion resistance and conductivity. Non-reflective EN-PTFE is a primary choice for any harsh environment. Inherently lubricious, resists galling.
- 4 Stainless steel shell with **Electroless Nickel-PTFE** (EN-PTFE). Suitable for any application where durability takes precedence over weight and cost. Highly conductive and non-reflective Ni-ETFE finish is suitable for aerospace and tactical systems.

Material and Finish Comparison Data

	Alum EN	Alum Zn-Ni	Alum EN-PTFE	SST EN-PTFE
Glenair Code	M	ZR	MT	ZMT
Corrosion Resistance	Poor	Good	Very Good	Excellent
RoHS Compliance*	Yes	Yes	Yes	Yes
Conductivity	Excellent	Good	Excellent	Excellent
Reflectivity	Reflective	Non-reflective	Non-reflective	Non-reflective
Cost	\$	\$\$\$	\$\$\$	\$\$\$\$\$

* Meets DoD directives and European regulations for elimination of cadmium and hexavalent chromate.

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October 2012

Series 88 SuperFly

Series 881 Cordsets, Threaded Coupling, Single-Ended

886-005P Plug, with Braided Nylon Jacket



Series 88 SuperFly

SERIES 881 PLUG CORDSETS, THREADED COUPLING, SINGLE-ENDED, SHIELDED, NYLON BRAID, 36 INCH



Overmolded Superfly cable plugs are supplied with 36 inches of hi-flex shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight Amberstrand braided shield with 90% coverage, braided nylon jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-E3W-M200J5-36 886-005PA-E3W-ZR200J5-36 886-005PA-E3W-MT200J5-36 886-005PA-E3W-ZMT200J5-36	886-005PB-E3W-M200J5-36 886-005PB-E3W-ZR200J5-36 886-005PB-E3W-MT200J5-36 886-005PB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-C2M2N-M035J5-36 886-005PA-C2M2N-ZR035J5-36 886-005PA-C2M2N-MT035J5-36 886-005PA-C2M2N-ZMT035J5-36	886-005PB-C2M2N-M035J5-36 886-005PB-C2M2N-ZR035J5-36 886-005PB-C2M2N-MT035J5-36 886-005PB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-G7W-M200J5-36 886-005PA-G7W-ZR200J5-36 886-005PA-G7W-MT200J5-36 886-005PA-G7W-ZMT200J5-36	886-005PB-G7W-M200J5-36 886-005PB-G7W-ZR200J5-36 886-005PB-G7W-MT200J5-36 886-005PB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-E4M4N-M035J5-36 886-005PA-E4M4N-ZR035J5-36 886-005PA-E4M4N-MT035J5-36 886-005PA-E4M4N-ZMT035J5-36	886-005PB-E4M4N-M035J5-36 886-005PB-E4M4N-ZR035J5-36 886-005PB-E4M4N-MT035J5-36 886-005PB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-H10W-M200J5-36 886-005PA-H10W-ZR200J5-36 886-005PA-H10W-MT200J5-36 886-005PA-H10W-ZMT200J5-36	886-005PB-H10W-M200J5-36 886-005PB-H10W-ZR200J5-36 886-005PB-H10W-MT200J5-36 886-005PB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-G6M10N-M035J5-36 886-005PA-G6M10N-ZR035J5-36 886-005PA-G6M10N-MT035J5-36 886-005PA-G6M10N-ZMT035J5-36	886-005PB-G6M10N-M035J5-36 886-005PB-G6M10N-ZR035J5-36 886-005PB-G6M10N-MT035J5-36 886-005PB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-D2W2N-M205J5-36 886-005PA-D2W2N-ZR205J5-36 886-005PA-D2W2N-MT205J5-36 886-005PA-D2W2N-ZMT205J5-36	886-005PB-D2W2N-M205J5-36 886-005PB-D2W2N-ZR205J5-36 886-005PB-D2W2N-MT205J5-36 886-005PB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-K13M19N-M035J5-36 886-005PA-K13M19N-ZR035J5-36 886-005PA-K13M19N-MT035J5-36 886-005PA-K13M19N-ZMT035J5-36	886-005PB-K13M19N-M035J5-36 886-005PB-K13M19N-ZR035J5-36 886-005PB-K13M19N-MT035J5-36 886-005PB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-F4W4N-M205J5-36 886-005PA-F4W4N-ZR205J5-36 886-005PA-F4W4N-MT205J5-36 886-005PA-F4W4N-ZMT205J5-36	886-005PB-F4W4N-M205J5-36 886-005PB-F4W4N-ZR205J5-36 886-005PB-F4W4N-MT205J5-36 886-005PB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-B7N-M005J5-36 886-005PA-B7N-ZR005J5-36 886-005PA-B7N-MT005J5-36 886-005PA-B7N-ZMT005J5-36	886-005PB-B7N-M005J5-36 886-005PB-B7N-ZR005J5-36 886-005PB-B7N-MT005J5-36 886-005PB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-H6W14N-M205J5-36 886-005PA-H6W14N-ZR205J5-36 886-005PA-H6W14N-MT205J5-36 886-005PA-H6W14N-ZMT205J5-36	886-005PB-H6W14N-M205J5-36 886-005PB-H6W14N-ZR205J5-36 886-005PB-H6W14N-MT205J5-36 886-005PB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-C10N-M005J5-36 886-005PA-C10N-ZR005J5-36 886-005PA-C10N-MT005J5-36 886-005PA-C10N-ZMT005J5-36	886-005PB-C10N-M005J5-36 886-005PB-C10N-ZR005J5-36 886-005PB-C10N-MT005J5-36 886-005PB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-J7W19N-M205J5-36 886-005PA-J7W19N-ZR205J5-36 886-005PA-J7W19N-MT205J5-36 886-005PA-J7W19N-ZMT205J5-36	886-005PB-J7W19N-M205J5-36 886-005PB-J7W19N-ZR205J5-36 886-005PB-J7W19N-MT205J5-36 886-005PB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-E19N-M005J5-36 886-005PA-E19N-ZR005J5-36 886-005PA-E19N-MT005J5-36 886-005PA-E19N-ZMT005J5-36	886-005PB-E19N-M005J5-36 886-005PB-E19N-ZR005J5-36 886-005PB-E19N-MT005J5-36 886-005PB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-D3M-M030J5-36 886-005PA-D3M-ZR030J5-36 886-005PA-D3M-MT030J5-36 886-005PA-D3M-ZMT030J5-36	886-005PB-D3M-M030J5-36 886-005PB-D3M-ZR030J5-36 886-005PB-D3M-MT030J5-36 886-005PB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-F22N-M005J5-36 886-005PA-F22N-ZR005J5-36 886-005PA-F22N-MT005J5-36 886-005PA-F22N-ZMT005J5-36	886-005PB-F22N-M005J5-36 886-005PB-F22N-ZR005J5-36 886-005PB-F22N-MT005J5-36 886-005PB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-G10M-M030J5-36 886-005PA-G10M-ZR030J5-36 886-005PA-G10M-MT030J5-36 886-005PA-G10M-ZMT030J5-36	886-005PB-G10M-M030J5-36 886-005PB-G10M-ZR030J5-36 886-005PB-G10M-MT030J5-36 886-005PB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-H37N-M005J5-36 886-005PA-H37N-ZR005J5-36 886-005PA-H37N-MT005J5-36 886-005PA-H37N-ZMT005J5-36	886-005PB-H37N-M005J5-36 886-005PB-H37N-ZR005J5-36 886-005PB-H37N-MT005J5-36 886-005PB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-K19M-M030J5-36 886-005PA-K19M-ZR030J5-36 886-005PA-K19M-MT030J5-36 886-005PA-K19M-ZMT030J5-36	886-005PB-K19M-M030J5-36 886-005PB-K19M-ZR030J5-36 886-005PB-K19M-MT030J5-36 886-005PB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-J44N-M005J5-36 886-005PA-J44N-ZR005J5-36 886-005PA-J44N-MT005J5-36 886-005PA-J44N-ZMT005J5-36	886-005PB-J44N-M005J5-36 886-005PB-J44N-ZR005J5-36 886-005PB-J44N-MT005J5-36 886-005PB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-005PA-L22M-M030J5-36 886-005PA-L22M-ZR030J5-36 886-005PA-L22M-MT030J5-36 886-005PA-L22M-ZMT030J5-36	886-005PB-L22M-M030J5-36 886-005PB-L22M-ZR030J5-36 886-005PB-L22M-MT030J5-36 886-005PB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Series 88 SuperFly

Series 881 Cordsets, Threaded Coupling, Single-Ended

886-006P Plug, with Polyurethane Jacket

SERIES 881 PLUG CORDSETS, THREADED COUPLING, SINGLE-ENDED, SHIELDED, TPU JACKET, 36 INCH



Overmolded Superfly QDC cable plugs are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight Amberstrand braided shield with 90% coverage, polyurethane (TPU) jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-E3W-M200J5-36 886-006PA-E3W-ZR200J5-36 886-006PA-E3W-MT200J5-36 886-006PA-E3W-ZMT200J5-36	886-006PB-E3W-M200J5-36 886-006PB-E3W-ZR200J5-36 886-006PB-E3W-MT200J5-36 886-006PB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-C2M2N-M035J5-36 886-006PA-C2M2N-ZR035J5-36 886-006PA-C2M2N-MT035J5-36 886-006PA-C2M2N-ZMT035J5-36	886-006PB-C2M2N-M035J5-36 886-006PB-C2M2N-ZR035J5-36 886-006PB-C2M2N-MT035J5-36 886-006PB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-G7W-M200J5-36 886-006PA-G7W-ZR200J5-36 886-006PA-G7W-MT200J5-36 886-006PA-G7W-ZMT200J5-36	886-006PB-G7W-M200J5-36 886-006PB-G7W-ZR200J5-36 886-006PB-G7W-MT200J5-36 886-006PB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-E4M4N-M035J5-36 886-006PA-E4M4N-ZR035J5-36 886-006PA-E4M4N-MT035J5-36 886-006PA-E4M4N-ZMT035J5-36	886-006PB-E4M4N-M035J5-36 886-006PB-E4M4N-ZR035J5-36 886-006PB-E4M4N-MT035J5-36 886-006PB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-H10W-M200J5-36 886-006PA-H10W-ZR200J5-36 886-006PA-H10W-MT200J5-36 886-006PA-H10W-ZMT200J5-36	886-006PB-H10W-M200J5-36 886-006PB-H10W-ZR200J5-36 886-006PB-H10W-MT200J5-36 886-006PB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-G6M10N-M035J5-36 886-006PA-G6M10N-ZR035J5-36 886-006PA-G6M10N-MT035J5-36 886-006PA-G6M10N-ZMT035J5-36	886-006PB-G6M10N-M035J5-36 886-006PB-G6M10N-ZR035J5-36 886-006PB-G6M10N-MT035J5-36 886-006PB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-D2W2N-M205J5-36 886-006PA-D2W2N-ZR205J5-36 886-006PA-D2W2N-MT205J5-36 886-006PA-D2W2N-ZMT205J5-36	886-006PB-D2W2N-M205J5-36 886-006PB-D2W2N-ZR205J5-36 886-006PB-D2W2N-MT205J5-36 886-006PB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-K13M19N-M035J5-36 886-006PA-K13M19N-ZR035J5-36 886-006PA-K13M19N-MT035J5-36 886-006PA-K13M19N-ZMT035J5-36	886-006PB-K13M19N-M035J5-36 886-006PB-K13M19N-ZR035J5-36 886-006PB-K13M19N-MT035J5-36 886-006PB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-F4W4N-M205J5-36 886-006PA-F4W4N-ZR205J5-36 886-006PA-F4W4N-MT205J5-36 886-006PA-F4W4N-ZMT205J5-36	886-006PB-F4W4N-M205J5-36 886-006PB-F4W4N-ZR205J5-36 886-006PB-F4W4N-MT205J5-36 886-006PB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-B7N-M005J5-36 886-006PA-B7N-ZR005J5-36 886-006PA-B7N-MT005J5-36 886-006PA-B7N-ZMT005J5-36	886-006PB-B7N-M005J5-36 886-006PB-B7N-ZR005J5-36 886-006PB-B7N-MT005J5-36 886-006PB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-H6W14N-M205J5-36 886-006PA-H6W14N-ZR205J5-36 886-006PA-H6W14N-MT205J5-36 886-006PA-H6W14N-ZMT205J5-36	886-006PB-H6W14N-M205J5-36 886-006PB-H6W14N-ZR205J5-36 886-006PB-H6W14N-MT205J5-36 886-006PB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-C10N-M005J5-36 886-006PA-C10N-ZR005J5-36 886-006PA-C10N-MT005J5-36 886-006PA-C10N-ZMT005J5-36	886-006PB-C10N-M005J5-36 886-006PB-C10N-ZR005J5-36 886-006PB-C10N-MT005J5-36 886-006PB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-J7W19N-M205J5-36 886-006PA-J7W19N-ZR205J5-36 886-006PA-J7W19N-MT205J5-36 886-006PA-J7W19N-ZMT205J5-36	886-006PB-J7W19N-M205J5-36 886-006PB-J7W19N-ZR205J5-36 886-006PB-J7W19N-MT205J5-36 886-006PB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-E19N-M005J5-36 886-006PA-E19N-ZR005J5-36 886-006PA-E19N-MT005J5-36 886-006PA-E19N-ZMT005J5-36	886-006PB-E19N-M005J5-36 886-006PB-E19N-ZR005J5-36 886-006PB-E19N-MT005J5-36 886-006PB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-D3M-M030J5-36 886-006PA-D3M-ZR030J5-36 886-006PA-D3M-MT030J5-36 886-006PA-D3M-ZMT030J5-36	886-006PB-D3M-M030J5-36 886-006PB-D3M-ZR030J5-36 886-006PB-D3M-MT030J5-36 886-006PB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-F22N-M005J5-36 886-006PA-F22N-ZR005J5-36 886-006PA-F22N-MT005J5-36 886-006PA-F22N-ZMT005J5-36	886-006PB-F22N-M005J5-36 886-006PB-F22N-ZR005J5-36 886-006PB-F22N-MT005J5-36 886-006PB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-G10M-M030J5-36 886-006PA-G10M-ZR030J5-36 886-006PA-G10M-MT030J5-36 886-006PA-G10M-ZMT030J5-36	886-006PB-G10M-M030J5-36 886-006PB-G10M-ZR030J5-36 886-006PB-G10M-MT030J5-36 886-006PB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-H37N-M005J5-36 886-006PA-H37N-ZR005J5-36 886-006PA-H37N-MT005J5-36 886-006PA-H37N-ZMT005J5-36	886-006PB-H37N-M005J5-36 886-006PB-H37N-ZR005J5-36 886-006PB-H37N-MT005J5-36 886-006PB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-K19M-M030J5-36 886-006PA-K19M-ZR030J5-36 886-006PA-K19M-MT030J5-36 886-006PA-K19M-ZMT030J5-36	886-006PB-K19M-M030J5-36 886-006PB-K19M-ZR030J5-36 886-006PB-K19M-MT030J5-36 886-006PB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-J44N-M005J5-36 886-006PA-J44N-ZR005J5-36 886-006PA-J44N-MT005J5-36 886-006PA-J44N-ZMT005J5-36	886-006PB-J44N-M005J5-36 886-006PB-J44N-ZR005J5-36 886-006PB-J44N-MT005J5-36 886-006PB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-006PA-L22M-M030J5-36 886-006PA-L22M-ZR030J5-36 886-006PA-L22M-MT030J5-36 886-006PA-L22M-ZMT030J5-36	886-006PB-L22M-M030J5-36 886-006PB-L22M-ZR030J5-36 886-006PB-L22M-MT030J5-36 886-006PB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Series 88 SuperFly

Series 881 Cordsets, Threaded Coupling, Single-Ended

886-007R Receptacle, with Braided Nylon Jacket



SERIES 881 RECEPTACLE CORDSETS, THREADED COUPLING, SINGLE-ENDED, SHIELDED, NYLON BRAID, 36"



Overmolded Superfly receptacles are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight Amberstrand braided shield with 90% coverage, braided nylon jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-E3W-M200J5-36 886-007RA-E3W-ZR200J5-36 886-007RA-E3W-MT200J5-36 886-007RA-E3W-ZMT200J5-36	886-007RB-E3W-M200J5-36 886-007RB-E3W-ZR200J5-36 886-007RB-E3W-MT200J5-36 886-007RB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-C2M2N-M035J5-36 886-007RA-C2M2N-ZR035J5-36 886-007RA-C2M2N-MT035J5-36 886-007RA-C2M2N-ZMT035J5-36	886-007RB-C2M2N-M035J5-36 886-007RB-C2M2N-ZR035J5-36 886-007RB-C2M2N-MT035J5-36 886-007RB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-G7W-M200J5-36 886-007RA-G7W-ZR200J5-36 886-007RA-G7W-MT200J5-36 886-007RA-G7W-ZMT200J5-36	886-007RB-G7W-M200J5-36 886-007RB-G7W-ZR200J5-36 886-007RB-G7W-MT200J5-36 886-007RB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-E4M4N-M035J5-36 886-007RA-E4M4N-ZR035J5-36 886-007RA-E4M4N-MT035J5-36 886-007RA-E4M4N-ZMT035J5-36	886-007RB-E4M4N-M035J5-36 886-007RB-E4M4N-ZR035J5-36 886-007RB-E4M4N-MT035J5-36 886-007RB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-H10W-M200J5-36 886-007RA-H10W-ZR200J5-36 886-007RA-H10W-MT200J5-36 886-007RA-H10W-ZMT200J5-36	886-007RB-H10W-M200J5-36 886-007RB-H10W-ZR200J5-36 886-007RB-H10W-MT200J5-36 886-007RB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-G6M10N-M035J5-36 886-007RA-G6M10N-ZR035J5-36 886-007RA-G6M10N-MT035J5-36 886-007RA-G6M10N-ZMT035J5-36	886-007RB-G6M10N-M035J5-36 886-007RB-G6M10N-ZR035J5-36 886-007RB-G6M10N-MT035J5-36 886-007RB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-D2W2N-M205J5-36 886-007RA-D2W2N-ZR205J5-36 886-007RA-D2W2N-MT205J5-36 886-007RA-D2W2N-ZMT205J5-36	886-007RB-D2W2N-M205J5-36 886-007RB-D2W2N-ZR205J5-36 886-007RB-D2W2N-MT205J5-36 886-007RB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-K13M19N-M035J5-36 886-007RA-K13M19N-ZR035J5-36 886-007RA-K13M19N-MT035J5-36 886-007RA-K13M19N-ZMT035J5-36	886-007RB-K13M19N-M035J5-36 886-007RB-K13M19N-ZR035J5-36 886-007RB-K13M19N-MT035J5-36 886-007RB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-F4W4N-M205J5-36 886-007RA-F4W4N-ZR205J5-36 886-007RA-F4W4N-MT205J5-36 886-007RA-F4W4N-ZMT205J5-36	886-007RB-F4W4N-M205J5-36 886-007RB-F4W4N-ZR205J5-36 886-007RB-F4W4N-MT205J5-36 886-007RB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-B7N-M005J5-36 886-007RA-B7N-ZR005J5-36 886-007RA-B7N-MT005J5-36 886-007RA-B7N-ZMT005J5-36	886-007RB-B7N-M005J5-36 886-007RB-B7N-ZR005J5-36 886-007RB-B7N-MT005J5-36 886-007RB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-H6W14N-M205J5-36 886-007RA-H6W14N-ZR205J5-36 886-007RA-H6W14N-MT205J5-36 886-007RA-H6W14N-ZMT205J5-36	886-007RB-H6W14N-M205J5-36 886-007RB-H6W14N-ZR205J5-36 886-007RB-H6W14N-MT205J5-36 886-007RB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-C10N-M005J5-36 886-007RA-C10N-ZR005J5-36 886-007RA-C10N-MT005J5-36 886-007RA-C10N-ZMT005J5-36	886-007RB-C10N-M005J5-36 886-007RB-C10N-ZR005J5-36 886-007RB-C10N-MT005J5-36 886-007RB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-J7W19N-M205J5-36 886-007RA-J7W19N-ZR205J5-36 886-007RA-J7W19N-MT205J5-36 886-007RA-J7W19N-ZMT205J5-36	886-007RB-J7W19N-M205J5-36 886-007RB-J7W19N-ZR205J5-36 886-007RB-J7W19N-MT205J5-36 886-007RB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-E19N-M005J5-36 886-007RA-E19N-ZR005J5-36 886-007RA-E19N-MT005J5-36 886-007RA-E19N-ZMT005J5-36	886-007RB-E19N-M005J5-36 886-007RB-E19N-ZR005J5-36 886-007RB-E19N-MT005J5-36 886-007RB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-D3M-M030J5-36 886-007RA-D3M-ZR030J5-36 886-007RA-D3M-MT030J5-36 886-007RA-D3M-ZMT030J5-36	886-007RB-D3M-M030J5-36 886-007RB-D3M-ZR030J5-36 886-007RB-D3M-MT030J5-36 886-007RB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-F22N-M005J5-36 886-007RA-F22N-ZR005J5-36 886-007RA-F22N-MT005J5-36 886-007RA-F22N-ZMT005J5-36	886-007RB-F22N-M005J5-36 886-007RB-F22N-ZR005J5-36 886-007RB-F22N-MT005J5-36 886-007RB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-G10M-M030J5-36 886-007RA-G10M-ZR030J5-36 886-007RA-G10M-MT030J5-36 886-007RA-G10M-ZMT030J5-36	886-007RB-G10M-M030J5-36 886-007RB-G10M-ZR030J5-36 886-007RB-G10M-MT030J5-36 886-007RB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-H37N-M005J5-36 886-007RA-H37N-ZR005J5-36 886-007RA-H37N-MT005J5-36 886-007RA-H37N-ZMT005J5-36	886-007RB-H37N-M005J5-36 886-007RB-H37N-ZR005J5-36 886-007RB-H37N-MT005J5-36 886-007RB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-K19M-M030J5-36 886-007RA-K19M-ZR030J5-36 886-007RA-K19M-MT030J5-36 886-007RA-K19M-ZMT030J5-36	886-007RB-K19M-M030J5-36 886-007RB-K19M-ZR030J5-36 886-007RB-K19M-MT030J5-36 886-007RB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-J44N-M005J5-36 886-007RA-J44N-ZR005J5-36 886-007RA-J44N-MT005J5-36 886-007RA-J44N-ZMT005J5-36	886-007RB-J44N-M005J5-36 886-007RB-J44N-ZR005J5-36 886-007RB-J44N-MT005J5-36 886-007RB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-007RA-L22M-M030J5-36 886-007RA-L22M-ZR030J5-36 886-007RA-L22M-MT030J5-36 886-007RA-L22M-ZMT030J5-36	886-007RB-L22M-M030J5-36 886-007RB-L22M-ZR030J5-36 886-007RB-L22M-MT030J5-36 886-007RB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Dimensions in inches (millimeters) and are subject to change without notice.

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E-Mail: sales@glenair.com

October 2012

Series 88 SuperFly

Series 881 Cordsets, Threaded Coupling, Single-Ended

886-008R Receptacle, with Polyurethane Jacket

SERIES 881 RECEPTACLE CORDSETS, THREADED COUPLING, SINGLE-ENDED, SHIELDED, TPU JACKET, 36"



Overmolded Superfly receptacles are supplied with 36 inches of shielded cable. Wire type is lightweight high-strength silver-plated copper alloy with cross-linked ETFE insulation. 5 amp contacts have #24 AWG wire, 3 amp contacts have #26 AWG wire, and 1 amp contacts have #30 AWG wire. Lightweight Amberstrand braided shield with 90% coverage, braided nylon jacket.

Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾	Layout	No. of Cont.	Material / Finish	Unshrouded Type A Insert ⁽¹⁾	Shrouded Type B Insert ⁽¹⁾
	(3) 5A E3W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-E3W-M200J5-36 886-008RA-E3W-ZR200J5-36 886-008RA-E3W-MT200J5-36 886-008RA-E3W-ZMT200J5-36	886-008RB-E3W-M200J5-36 886-008RB-E3W-ZR200J5-36 886-008RB-E3W-MT200J5-36 886-008RB-E3W-ZMT200J5-36		(2) 3A, (2) 1A C2M2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-C2M2N-M035J5-36 886-008RA-C2M2N-ZR035J5-36 886-008RA-C2M2N-MT035J5-36 886-008RA-C2M2N-ZMT035J5-36	886-008RPB-C2M2N-M035J5-36 886-008RB-C2M2N-ZR035J5-36 886-008RB-C2M2N-MT035J5-36 886-008RB-C2M2N-ZMT035J5-36
	(7) 5A G7W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-G7W-M200J5-36 886-008RA-G7W-ZR200J5-36 886-008RA-G7W-MT200J5-36 886-008RA-G7W-ZMT200J5-36	886-008RB-G7W-M200J5-36 886-008RB-G7W-ZR200J5-36 886-008RB-G7W-MT200J5-36 886-008RB-G7W-ZMT200J5-36		(4) 3A, (4) 1A E4M4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-E4M4N-M035J5-36 886-008RA-E4M4N-ZR035J5-36 886-008RA-E4M4N-MT035J5-36 886-008RA-E4M4N-ZMT035J5-36	886-008RB-E4M4N-M035J5-36 886-008RB-E4M4N-ZR035J5-36 886-008RB-E4M4N-MT035J5-36 886-008RB-E4M4N-ZMT035J5-36
	(10) 5A H10W	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-H10W-M200J5-36 886-008RA-H10W-ZR200J5-36 886-008RA-H10W-MT200J5-36 886-008RA-H10W-ZMT200J5-36	886-008RB-H10W-M200J5-36 886-008RB-H10W-ZR200J5-36 886-008RB-H10W-MT200J5-36 886-008RB-H10W-ZMT200J5-36		(6) 3A, (10) 1A G6M10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-G6M10N-M035J5-36 886-008RA-G6M10N-ZR035J5-36 886-008RA-G6M10N-MT035J5-36 886-008RA-G6M10N-ZMT035J5-36	886-008RB-G6M10N-M035J5-36 886-008RB-G6M10N-ZR035J5-36 886-008RB-G6M10N-MT035J5-36 886-008RB-G6M10N-ZMT035J5-36
	(2) 5A (2) 1A D2W2N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-D2W2N-M205J5-36 886-008RA-D2W2N-ZR205J5-36 886-008RA-D2W2N-MT205J5-36 886-008RA-D2W2N-ZMT205J5-36	886-008RB-D2W2N-M205J5-36 886-008RB-D2W2N-ZR205J5-36 886-008RB-D2W2N-MT205J5-36 886-008RB-D2W2N-ZMT205J5-36		(13) 3A, (19) 1A G13M19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-K13M19N-M035J5-36 886-008RA-K13M19N-ZR035J5-36 886-008RA-K13M19N-MT035J5-36 886-008RA-K13M19N-ZMT035J5-36	886-008RB-K13M19N-M035J5-36 886-008RB-K13M19N-ZR035J5-36 886-008RB-K13M19N-MT035J5-36 886-008RB-K13M19N-ZMT035J5-36
	(4) 5A (4) 1A F4W4N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-F4W4N-M205J5-36 886-008RA-F4W4N-ZR205J5-36 886-008RA-F4W4N-MT205J5-36 886-008RA-F4W4N-ZMT205J5-36	886-008RB-F4W4N-M205J5-36 886-008RB-F4W4N-ZR205J5-36 886-008RB-F4W4N-MT205J5-36 886-008RB-F4W4N-ZMT205J5-36		(7) 1A B7N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-B7N-M005J5-36 886-008RA-B7N-ZR005J5-36 886-008RA-B7N-MT005J5-36 886-008RA-B7N-ZMT005J5-36	886-008RB-B7N-M005J5-36 886-008RB-B7N-ZR005J5-36 886-008RB-B7N-MT005J5-36 886-008RB-B7N-ZMT005J5-36
	(6) 5A (14) 1A H6W14N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-H6W14N-M205J5-36 886-008RA-H6W14N-ZR205J5-36 886-008RA-H6W14N-MT205J5-36 886-008RA-H6W14N-ZMT205J5-36	886-008RB-H6W14N-M205J5-36 886-008RB-H6W14N-ZR205J5-36 886-008RB-H6W14N-MT205J5-36 886-008RB-H6W14N-ZMT205J5-36		(10) 1A C10N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-C10N-M005J5-36 886-008RA-C10N-ZR005J5-36 886-008RA-C10N-MT005J5-36 886-008RA-C10N-ZMT005J5-36	886-008RB-C10N-M005J5-36 886-008RB-C10N-ZR005J5-36 886-008RB-C10N-MT005J5-36 886-008RB-C10N-ZMT005J5-36
	(7) 5A (19) 1A J7W19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-J7W19N-M205J5-36 886-008RA-J7W19N-ZR205J5-36 886-008RA-J7W19N-MT205J5-36 886-008RA-J7W19N-ZMT205J5-36	886-008RB-J7W19N-M205J5-36 886-008RB-J7W19N-ZR205J5-36 886-008RB-J7W19N-MT205J5-36 886-008RB-J7W19N-ZMT205J5-36		(19) 1A E19N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-E19N-M005J5-36 886-008RA-E19N-ZR005J5-36 886-008RA-E19N-MT005J5-36 886-008RA-E19N-ZMT005J5-36	886-008RB-E19N-M005J5-36 886-008RB-E19N-ZR005J5-36 886-008RB-E19N-MT005J5-36 886-008RB-E19N-ZMT005J5-36
	(3) 3A D3M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-D3M-M030J5-36 886-008RA-D3M-ZR030J5-36 886-008RA-D3M-MT030J5-36 886-008RA-D3M-ZMT030J5-36	886-008RB-D3M-M030J5-36 886-008RB-D3M-ZR030J5-36 886-008RB-D3M-MT030J5-36 886-008RB-D3M-ZMT030J5-36		(22) 1A F22N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-F22N-M005J5-36 886-008RA-F22N-ZR005J5-36 886-008RA-F22N-MT005J5-36 886-008RA-F22N-ZMT005J5-36	886-008RB-F22N-M005J5-36 886-008RB-F22N-ZR005J5-36 886-008RB-F22N-MT005J5-36 886-008RB-F22N-ZMT005J5-36
	(10) 3A G10M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-G10M-M030J5-36 886-008RA-G10M-ZR030J5-36 886-008RA-G10M-MT030J5-36 886-008RA-G10M-ZMT030J5-36	886-008RB-G10M-M030J5-36 886-008RB-G10M-ZR030J5-36 886-008RB-G10M-MT030J5-36 886-008RB-G10M-ZMT030J5-36		(37) 1A H37N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-H37N-M005J5-36 886-008RA-H37N-ZR005J5-36 886-008RA-H37N-MT005J5-36 886-008RA-H37N-ZMT005J5-36	886-008RB-H37N-M005J5-36 886-008RB-H37N-ZR005J5-36 886-008RB-H37N-MT005J5-36 886-008RB-H37N-ZMT005J5-36
	(19) 3A K19M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-K19M-M030J5-36 886-008RA-K19M-ZR030J5-36 886-008RA-K19M-MT030J5-36 886-008RA-K19M-ZMT030J5-36	886-008RB-K19M-M030J5-36 886-008RB-K19M-ZR030J5-36 886-008RB-K19M-MT030J5-36 886-008RB-K19M-ZMT030J5-36		(44) 1A J44N	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-J44N-M005J5-36 886-008RA-J44N-ZR005J5-36 886-008RA-J44N-MT005J5-36 886-008RA-J44N-ZMT005J5-36	886-008RB-J44N-M005J5-36 886-008RB-J44N-ZR005J5-36 886-008RB-J44N-MT005J5-36 886-008RB-J44N-ZMT005J5-36
	(22) 3A L22M	Al/Nickel Al/Bk Zn-Ni Al/Ni-PTFE SST/Ni-PTFE	886-008RA-L22M-M030J5-36 886-008RA-L22M-ZR030J5-36 886-008RA-L22M-MT030J5-36 886-008RA-L22M-ZMT030J5-36	886-008RB-L22M-M030J5-36 886-008RB-L22M-ZR030J5-36 886-008RB-L22M-MT030J5-36 886-008RB-L22M-ZMT030J5-36					

(1) Shrouded contacts are recessed in the insulator and should be used for the hot side of the circuit. Unshrouded contacts stick out from the insulator

Series 88 SuperFly
Series 881 Cordsets, Threaded Coupling, Single-Ended
 886-005P, 886-006P, 886-007R, 886-008R



SERIES 881 OVERMOLDED CORDSETS WITH THREADED COUPLING, SINGLE-ENDED WITH SHIELDED, JACKETED CABLE

Superfly QDC cordsets are available with a wide range of options. The table below contains additional wire sizes, color codes and lengths.

Series 881 Single-Ended Overmolded Cordsets: supplemental ordering information															
Sample Part Number															
886-005P	B	-G10M			-ZR	020J		1	-72						
Series	Insert Style	Shell Size and Contact Arrangement			Shell Material / Finish	Wiring Code (AWG, Wire Type)		Wire Color	Wire Length						
886-005P Plug Cordset, Shielded, Braided Nylon Jacket 	A Unshrouded Contacts	Shell Size, Contact Arr.	Shell Size	No. of Contacts			M Aluminum / Electroless Nickel RoHS Compliant	Layouts with 5A. Contacts		5 Full Color Code (Wires 1-9 solid color, wires 10-up are striped)	Overall length in inches measured from front of connector				
				5A.	3A.	1A.		Contact Arr.	AWG			Code			
	B7N	B	—	—	7	E3W	#22						100J		
	B Shrouded Contacts	C10N	C	—	—	10	G7W	#24	200J						
C2M2N		C	—	2	2	H10W	#26	300J							
886-006P Plug Cordset, Shielded, Polyurethane Jacket 	B Shrouded Contacts	D3M	D	—	3	—	Combo Layouts with 5A. and 1A. Contacts		ZR Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant			Contact Arr.	1A.	5A.	Code
		D2W2N	D	2	—	2	#30	#22							
	A Shrouded Contacts are recessed within the insulator.	E3W	E	3	—	—	D2W2N F4W4N H6W14N J7W19N	#30		#24	205J				
		E19N	E	—	—	19		#30		#26	305J				
		E4M4N	E	—	4	4		#30		#28	405J				
		F22N	F	—	—	22		#32		#22	106J				
		F4W4N	F	4	—	4		#32		#24	206J				
		G7W	G	7	—	—		#32		#26	306J				
		G10M	G	—	10	—		#32		#28	406J				
		G6M10N	G	—	6	10		Layouts with 3A. Contacts		Contact Arr.	AWG	Code			
		H10W	H	10	—	—		D3M G10M K19M					#24	020J	
		H37N	H	—	—	37				#26	030J				
		H6W14N	H	6	—	14				#28	040J				
		J44N	J	—	—	44				#30	050J				
886-007R Receptacle Cordset, Shielded, Braided Nylon Jacket 	A Shrouded Contacts are recessed within the insulator.	J7W19N	J	7	—	19	Combo Layouts with 3A. and 1A. Contacts		MT Aluminum / Nickel-PTFE RoHS Compliant	Contact Arr.	1A.	3A.	Code		
		K19M	K	—	19	—	#30	#24						025J	
		K13M19N	K	—	13	19	#30	#26						035J	
		L22M	L	—	22	—	#30	#28						045J	
						ZMT Stainless Steel / Nickel-PTFE RoHS Compliant	#32	#24						026J	
							#32	#26						036J	
				#32	#28		046J								
				Layouts with 1A. Contacts			Contact Arr.	AWG	Code						
886-008R Receptacle Cordset, Shielded, Polyurethane Jacket 	A Shrouded Contacts are recessed within the insulator.				ZMT Stainless Steel / Nickel-PTFE RoHS Compliant	B7N C10N				#30	005J				
						E19N F22N				#32	006J				
						H37N J44N									

Dimensions in inches (millimeters) and are subject to change without notice.



Series 88 SuperFly Protective Covers for Series 880 QDC Connectors 667-356 & 667-357 Metal Covers

METAL PROTECTIVE COVERS FOR SERIES 880 QUICK-DISCONNECT PLUGS AND RECEPTACLES



Receptacle Cover

Plug Cover

Rugged metal protective covers fit 880 Series quick-disconnect (QDC) connectors. Protects connector from water and debris ingress. Three attachment options: nylon rope with slip knot (GSCS), 1/32 inch stainless steel wire rope with loose crimp ferrule for attaching to cable (SCF), or stainless steel rope with attachment rings for attaching to panel with screw or installing under connector. Aluminum or stainless steel. Attachment rings are stainless steel with black oxide finish.

How To Order

Sample Part Number

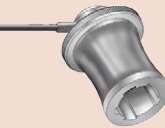
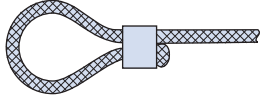
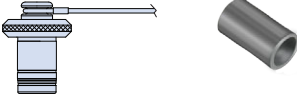
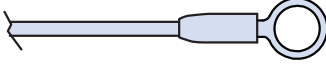
667-357

M

G

SCF

-5

Series	Shell Material / Finish	Shell Size		Attachment Type	Length																																																						
667-356 Protective Cover for Series 880 Receptacles 	M Aluminum / Electroless Nickel RoHS Compliant	Shell Size	Ref. Contact Arr.	Nylon Rope with Slip Knot	Lanyard Length in Inches																																																						
				GSCS																																																							
667-357 Protective Cover for Series 880 Plugs 	ZR Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant	B	B7N		Example: -4 specifies a 4 inch lanyard length.																																																						
				C		C10N C2M2N	Flexible Black Nylon Rope With Adjustable Slip Knot. The sleeve can be crimped with pliers for a permanent attachment. Flexible, abrasion-resistant .062 inch (1.6mm) dia.																																																				
	MT Aluminum / Nickel-PTFE RoHS Compliant	D	D3M D2W2N	Stainless Steel Rope With Loose Crimp Ferrule	Length	Ordering Code																																																					
				SCF																																																							
		E	E3W E19N E4M4N		In.	mm.																																																					
				F	F22N F4W4N	Stainless Steel Wire Rope with Black Nylon Coating. Low profile, high strength, flexible .034 (0.86) diameter. Supplied with loose crimp ferrule. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard.	2	51	-2																																																		
		G	G7W G10M G6M10N				Stainless Steel Rope With Attachment Ring	3	76	-3																																																	
				H	H10W H37N H6W14N			4	102	-4																																																	
		J	J44N J7W19N				Stainless Steel Wire Rope with Black Nylon Coating. Low profile, high strength, flexible .034 (0.86) diameter. Supplied with attachment ring.	5	127	-5																																																	
				K	K19M K13M19N	<table><tr><th colspan="2">Ring ID</th><th rowspan="2">Ordering Code</th><th colspan="2">Ring ID</th><th rowspan="2">Ordering Code</th></tr><tr><th>In.</th><th>mm.</th><th>In.</th><th>mm.</th></tr><tr><td>.093</td><td>2.36</td><td>02</td><td>.380</td><td>9.65</td><td>95</td></tr><tr><td>.121</td><td>3.07</td><td>04</td><td>.420</td><td>10.67</td><td>105</td></tr><tr><td>.282</td><td>7.16</td><td>70</td><td>.439</td><td>11.15</td><td>110</td></tr><tr><td>.302</td><td>7.67</td><td>75</td><td>.459</td><td>11.66</td><td>115</td></tr><tr><td>.321</td><td>8.15</td><td>80</td><td>.478</td><td>12.14</td><td>120</td></tr><tr><td>.341</td><td>8.66</td><td>85</td><td>.498</td><td>12.65</td><td>125</td></tr><tr><td>.361</td><td>9.17</td><td>90</td><td>.518</td><td>13.16</td><td>130</td></tr></table>		Ring ID		Ordering Code	Ring ID		Ordering Code	In.	mm.	In.	mm.	.093	2.36	02	.380	9.65	95	.121	3.07	04	.420	10.67	105	.282	7.16	70	.439	11.15	110	.302	7.67	75	.459	11.66	115	.321	8.15	80	.478	12.14	120	.341	8.66	85	.498	12.65	125	.361	9.17	90	.518	13.16	130
		Ring ID					Ordering Code	Ring ID			Ordering Code																																																
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.341	8.66	85	.498	12.65	125																																																						
.361	9.17	90	.518	13.16	130																																																						
Z1 Stainless Steel / Passivated RoHS Compliant	L	L22M		7	178	-7																																																					
				8	203	-8																																																					

Dimensions in inches (millimeters) and are subject to change without notice.

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E-Mail: sales@glenair.com

October 2012

Series 88 SuperFly

Protective Covers for Series 880 QDC Connectors

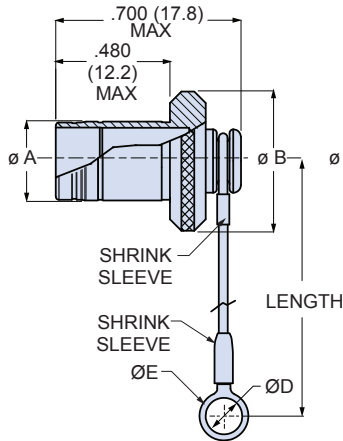
667-356 & 667-357 Metal Covers



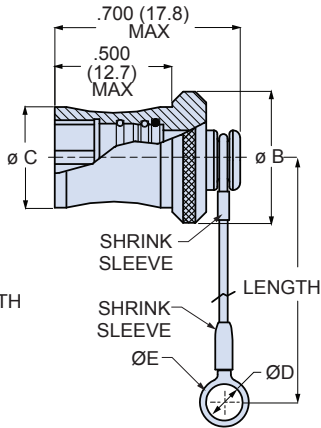
Series 88 SuperFly

DIMENSIONS

Receptacle Cover
667-356



Plug Cover
667-357



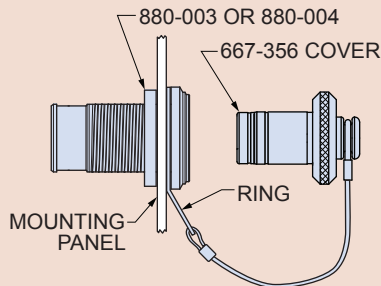
Dimensions

Shell Size	Ø A		Ø B		Ø C	
	In.	mm.	In.	mm.	In.	mm.
B	.169	4.29	.417	10.59	.317	8.05
C	.194	4.93	.442	11.23	.342	8.69
D	.207	5.26	.455	11.56	.355	9.02
E	.233	5.92	.481	12.22	.381	9.68
F	.252	6.40	.500	12.70	.400	10.16
G	.274	6.96	.522	13.26	.422	10.72
H	.311	7.90	.559	14.20	.459	11.66
J	.339	8.61	.587	14.91	.487	12.37
K	.361	9.17	.609	15.47	.509	12.93
L	.400	10.16	.648	16.46	.548	13.92

Attachment Ring Dim.

Code	D Min.		E Max.	
	In.	mm.	In.	mm.
02	.093	2.36	.310	7.87
04	.121	3.07	.310	7.87
70	.282	7.16	.402	10.21
75	.302	7.67	.422	10.72
80	.321	8.15	.441	11.20
85	.341	8.66	.461	11.71
90	.361	9.17	.481	12.22
95	.380	9.65	.500	12.70
105	.420	10.67	.540	13.72
110	.439	11.15	.559	14.20
115	.459	11.66	.579	14.71
120	.478	12.14	.598	15.19
125	.498	12.65	.618	15.70
130	.518	13.16	.638	16.21
135	.538	13.67	.658	16.71
145	.577	14.66	.697	17.70
150	.597	15.16	.717	18.21
160	.637	16.18	.757	19.23

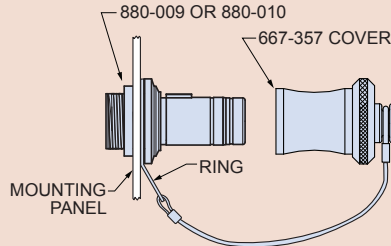
Attaching a 667-356 Receptacle Cover to a Panel Mounted 880-003 or 880-004 Receptacle



PANEL DIA. & RING CODE

Shell Size	Ø DIA.		Ring Code
	In.	mm.	
B	.282	7.16	70
C	.302	7.67	75
D	.321	8.15	80
E	.341	8.66	85
F	.361	9.17	90
G	.380	9.65	95
H	.420	10.67	105
J	.459	11.66	115
K	.478	12.14	120
L	.518	13.16	130

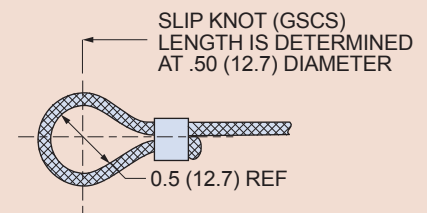
Attaching a 667-357 Plug Cover to a Panel Mounted 880-009 or 880-010 Plug



PANEL DIA. & RING CODE

Shell Size	880-009			880-010		
	Ø DIA.	Ring Code		Ø DIA.	Ring Code	
	In.	mm.		In.	mm.	
B	.262	6.65	65	.397	10.08	100
C	.282	7.16	70	.417	10.59	105
D	.302	7.67	75	.436	11.07	110
E	.321	8.15	80	.456	11.58	115
F	.341	8.66	85	.476	12.09	120
G	.360	9.14	90	.495	12.57	125
H	.400	10.16	100	.534	13.56	135
J	.439	11.15	110	.574	14.58	145
K	.459	11.66	115	.593	15.06	150
L	.498	12.65	125	.633	16.08	160

SLIP KNOT



Materials and Finishes

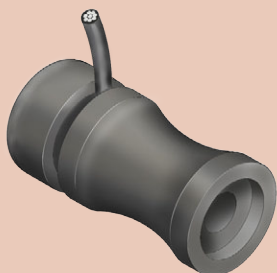
Cover	Aluminum alloy or stainless steel. See Ordering Info for material and finish options
Lanyard	Black nylon rope .062" (1.57) diameter or 1/2" stainless steel rope with black nylon coating .034" (0.86) diameter
Crimp Ring, Attachment Ring and Crimp Ferrule	Stainless steel with black oxide finish
Shrink Sleeve	Polyolefin, black

Series 88 SuperFly

Protective Covers for Series 880 QDC Connectors

889-004 Rubber Cover for Series 880 QDC Plugs

889-004 BEAN RUBBER COVERS FOR SERIES 880 QDC PLUGS



- Fungus-resistant neoprene per ASTM D 2000 BC610Z1
- Fits SuperFly QDC plugs
- Attach with ring or loose crimp ferrule
- Flexible, high strength $\frac{1}{32}$ inch stainless steel lanyard with black nylon coating
- Stainless steel attachment ring
- Copper alloy crimp ferrule with non-reflective black chromate over zinc finish

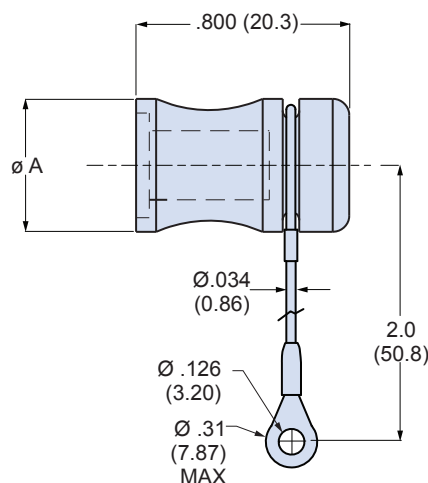


889-004 cover fits 880-001P, 880-009P, 880-010P, 886-001P and 886-002P QDC plugs

Neoprene cover fits 880-001P, 880-009P, 880-010P, 886-001P and 886-002P QDC plugs. Protects connector from water and debris ingress. Flexible stainless steel lanyard is coated with abrasion-resistant black nylon. Supplied with 2 inch (51mm) lanyard with .125" (3.18) ring, or with 5 inch lanyard and loose crimp ferrule for attaching to cable. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard. -55° to +120°C. Meets fungus resistance requirement of MIL-STD-810.

COVER WITH 2 INCH LANYARD AND RING

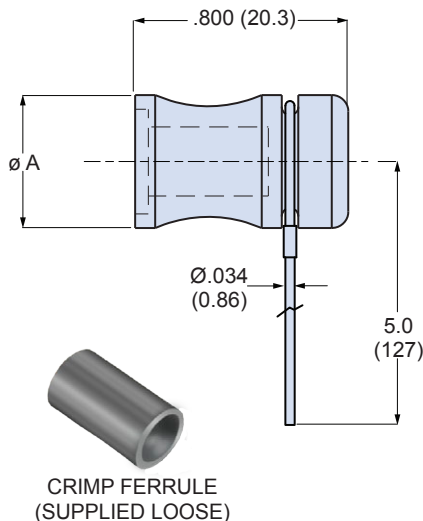
Black nylon coated stainless steel lanyard with stainless steel ring.



Shell Size	Part Number	Ø A	
		In.	mm.
B	889-004-BS2-01	.40	10.1
C	889-004-CS2-01	.45	11.4
D	889-004-DS2-01	.45	11.4
E	889-004-ES2-01	.45	11.4
F	889-004-FS2-01	.50	12.7
G	889-004-GS2-01	.50	12.7
H	889-004-HS2-01	.55	14.0
J	889-004-JS2-01	.55	14.0
K	889-004-KS2-01	.55	14.0
L	889-004-LS2-01	.60	15.2

COVER WITH 5 INCH LANYARD AND CRIMP FERRULE

Black nylon coated stainless steel lanyard with loose crimp ferrule. Loop lanyard around cable through ferrule and crimp with flat nose pliers.

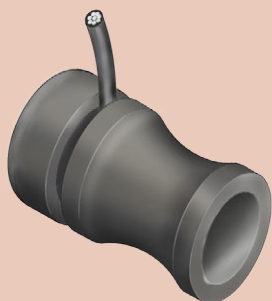


Shell Size	Part Number	Ø A	
		In.	mm.
B	889-004-BS5-00-CF	.40	10.1
C	889-004-CS5-00-CF	.45	11.4
D	889-004-DS5-00-CF	.45	11.4
E	889-004-ES5-00-CF	.45	11.4
F	889-004-FS5-00-CF	.50	12.7
G	889-004-GS5-00-CF	.50	12.7
H	889-004-HS5-00-CF	.55	14.0
J	889-004-JS5-00-CF	.55	14.0
K	889-004-KS5-00-CF	.55	14.0
L	889-004-LS5-00-CF	.60	15.2

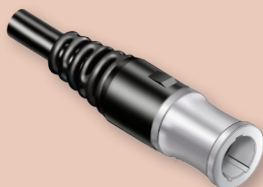
Series 88 SuperFly
Protective Covers for Series 880 QDC Connectors
889-005 Rubber Cover for Series 880 QDC Receptacles



889-005 BEAN RUBBER COVERS FOR SERIES 880 QDC CABLE RECEPTACLES



- Fungus-resistant neoprene per ASTM D 2000 BC610Z1
- Fits SuperFly QDC receptacles
- Attach with ring or loose crimp ferrule
- Flexible, high strength $\frac{1}{32}$ inch stainless steel lanyard with black nylon coating
- Stainless steel attachment ring
- Copper alloy crimp ferrule with non-reflective black chromate over zinc finish



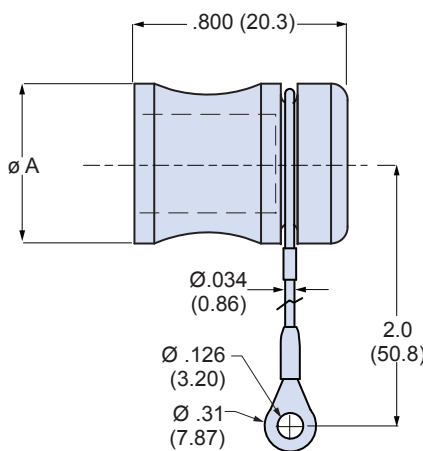
889-005 cover fits 880-002R, 886-003R and 886-004R QDC receptacles

Neoprene cover fits 880-002R, 886-003R and 886-004R QDC cable receptacles. Protects connector from water and debris ingress. Flexible stainless steel lanyard is coated with abrasion-resistant black nylon. Supplied with 2 inch (51 mm) lanyard with $.125"$ (3.18) ring, or with 5 inch lanyard and loose crimp ferrule for attaching to cable. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard. -55° to $+120^{\circ}\text{C}$. Meets fungus resistance requirement of MIL-STD-810.

NOT FOR USE WITH QDC PANEL RECEPTACLES 880-003R AND 880-004R. Use 667-357 metal covers.

COVER WITH 2 INCH LANYARD AND RING

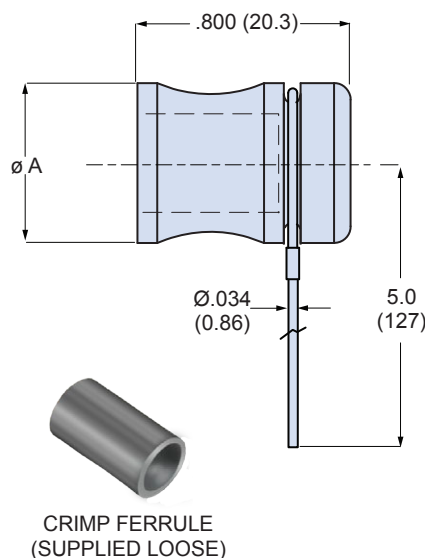
Black nylon coated stainless steel lanyard with stainless steel ring.



Shell Size	Part Number	Ø A	
		In.	mm.
B	889-005-BS2-01	.55	14.0
C	889-005-CS2-01	.55	14.0
D	889-005-DS2-01	.55	14.0
E	889-005-ES2-01	.60	15.2
F	889-005-FS2-01	.60	15.2
G	889-005-GS2-01	.65	16.5
H	889-005-HS2-01	.65	16.5
J	889-005-JS2-01	.70	17.8
K	889-005-KS2-01	.70	17.8
L	889-005-LS2-01	.75	19.1

COVER WITH 5 INCH LANYARD AND CRIMP FERRULE

Black nylon coated stainless steel lanyard with loose crimp ferrule. Loop lanyard around cable through ferrule and crimp with flat nose pliers.



Shell Size	Part Number	Ø A	
		In.	mm.
B	889-005-BS5-00-CF	.55	14.0
C	889-005-CS5-00-CF	.55	14.0
D	889-005-DS5-00-CF	.55	14.0
E	889-005-ES5-00-CF	.60	15.2
F	889-005-FS5-00-CF	.60	15.2
G	889-005-GS5-00-CF	.65	16.5
H	889-005-HS5-00-CF	.65	16.5
J	889-005-JS5-00-CF	.70	17.8
K	889-005-KS5-00-CF	.70	17.8
L	889-005-LS5-00-CF	.75	19.1



Series 88 SuperFly Protective Covers for Series 881 Connectors 667-362 & 667-366 Metal Covers

METAL PROTECTIVE COVERS FOR SERIES 881 THREADED PLUGS AND RECEPTACLES



Receptacle Cover

Plug Cover

Rugged metal protective covers fit 881Series connectors. Protects connector from water and debris ingress. Three attachment options: nylon rope with slip knot (GSCS), 1/2 inch stainless steel wire rope with loose crimp ferrule for attaching to cable (SCF), or stainless steel rope with attachment rings for attaching to panel with screw or installing under connector. Two piece receptacle cover features free-spinning self-locking nut for easy installation and removal. Aluminum or stainless steel. Attachment rings are stainless steel with black oxide finish.

Series 881 Metal Protective Covers

Sample Part Number

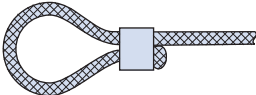
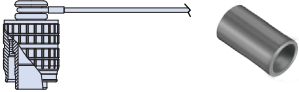
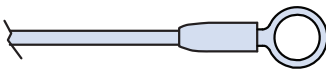
667-366

ZR

E

04

-3

Series	Shell Material / Finish	Shell Size	Attachment Type	Length																																																						
667-366 Protective Cover for Series 881 Receptacles 	M Aluminum / Electroless Nickel RoHS Compliant	Shell Size	Nylon Rope with Slip Knot	Lanyard Length in Inches Example: -4 specifies a 4 inch lanyard length.																																																						
		Ref. Contact Arr.	GSCS 																																																							
667-362 Protective Cover for Series 881 Plugs 	ZR Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant	B	Flexible Black Nylon Rope With Adjustable Slip Knot. The sleeve can be crimped with pliers for a permanent attachment. Flexible, abrasion-resistant .062 inch (1.6mm) diameter.	<table><tr><th colspan="2">Length</th><th>Ordering Code</th></tr><tr><th>In.</th><th>mm.</th><th></th></tr><tr><td>2</td><td>51</td><td>-2</td></tr><tr><td>3</td><td>76</td><td>-3</td></tr><tr><td>4</td><td>102</td><td>-4</td></tr><tr><td>5</td><td>127</td><td>-5</td></tr><tr><td>6</td><td>152</td><td>-6</td></tr><tr><td>7</td><td>178</td><td>-7</td></tr><tr><td>8</td><td>203</td><td>-8</td></tr></table>	Length		Ordering Code	In.	mm.		2	51	-2	3	76	-3	4	102	-4	5	127	-5	6	152	-6	7	178	-7	8	203	-8																											
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		C																																																								
		D																																																								
		E	Stainless Steel Rope With Loose Crimp Ferrule																																																							
		F	SCF 																																																							
		G	Stainless Steel Wire Rope with Black Nylon Coating. Low profile, high strength, flexible .034 (0.86) diameter. Supplied with loose crimp ferrule. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard.																																																							
		H	Stainless Steel Rope With Ring 																																																							
		J	<table><tr><th colspan="2">Ring ID</th><th>Ordering Code</th><th colspan="2">Ring ID</th><th>Ordering Code</th></tr><tr><th>In.</th><th>mm.</th><th></th><th>In.</th><th>mm.</th><th></th></tr><tr><td>.093</td><td>2.36</td><td>02</td><td>.380</td><td>9.65</td><td>95</td></tr><tr><td>.121</td><td>3.07</td><td>04</td><td>.420</td><td>10.67</td><td>105</td></tr><tr><td>.282</td><td>7.16</td><td>70</td><td>.439</td><td>11.15</td><td>110</td></tr><tr><td>.302</td><td>7.67</td><td>75</td><td>.459</td><td>11.66</td><td>115</td></tr><tr><td>.321</td><td>8.15</td><td>80</td><td>.478</td><td>12.14</td><td>120</td></tr><tr><td>.341</td><td>8.66</td><td>85</td><td>.498</td><td>12.65</td><td>125</td></tr><tr><td>.361</td><td>9.17</td><td>90</td><td>.518</td><td>13.16</td><td>130</td></tr></table>	Ring ID		Ordering Code	Ring ID		Ordering Code	In.	mm.		In.	mm.		.093	2.36	02	.380	9.65	95	.121	3.07	04	.420	10.67	105	.282	7.16	70	.439	11.15	110	.302	7.67	75	.459	11.66	115	.321	8.15	80	.478	12.14	120	.341	8.66	85	.498	12.65	125	.361	9.17	90	.518	13.16	130	
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Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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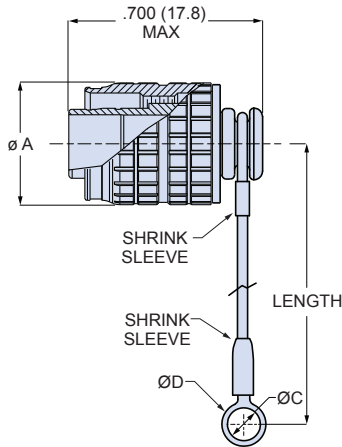
October 2012

Series 88 SuperFly Protective Covers for Series 881 Connectors 667-362 & 667-366 Metal Covers

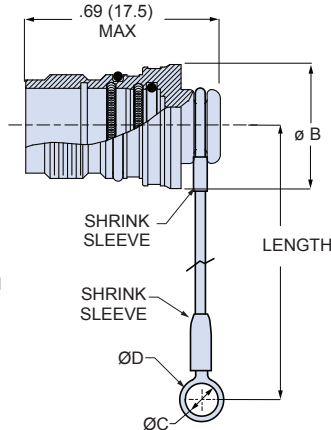


DIMENSIONS

**Receptacle Cover
667-366**



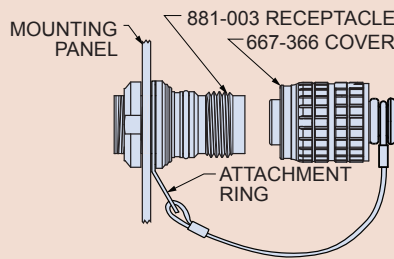
**Plug Cover
667-362**



Dimensions				
Shell Size	Ø A		Ø B	
	In.	mm.	In.	mm.
B	.355	9.02	.337	8.56
C	.375	9.53	.362	9.19
D	.395	10.03	.375	9.53
E	.414	10.52	.401	10.19
F	.434	11.02	.420	10.67
G	.454	11.53	.442	11.23
H	.493	12.52	.479	12.17
J	.533	13.54	.507	12.88
K	.553	14.05	.529	13.44
L	.592	15.04	.568	14.43

Attachment Ring Dim.				
Code	C Min.		D Max.	
	In.	mm.	In.	mm.
02	.093	2.36	.310	7.87
04	.121	3.07	.310	7.87
70	.282	7.16	.402	10.21
75	.302	7.67	.422	10.72
80	.321	8.15	.441	11.20
85	.341	8.66	.461	11.71
90	.361	9.17	.481	12.22
95	.380	9.65	.500	12.70
105	.420	10.67	.540	13.72
110	.439	11.15	.559	14.20
115	.459	11.66	.579	14.71
120	.478	12.14	.598	15.19
125	.498	12.65	.618	15.70
130	.518	13.16	.638	16.21

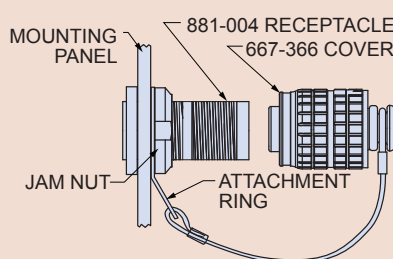
Attaching a 667-366 Receptacle Cover to a Front Panel Mounted 881-003 Receptacle



PANEL DIA. & RING CODE

Shell Size	Ø DIA.		Ring Code
	In.	mm.	
B	.282	7.16	70
C	.302	7.67	75
D	.321	8.15	80
E	.341	8.66	85
F	.361	9.17	90
G	.380	9.65	95
H	.420	10.67	105
J	.439	11.15	110
K	.459	11.66	115
L	.498	12.65	125

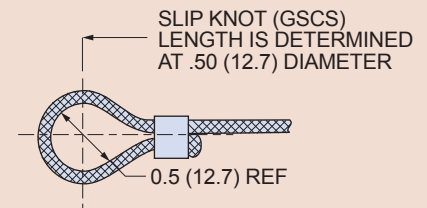
Attaching a 667-366 Receptacle Cover to a Rear Panel Mounted 881-004 Receptacle



PANEL DIA. & RING CODE

Shell Size	Ø DIA.		Ring Code
	In.	mm.	
B	.282	7.16	70
C	.302	7.67	75
D	.321	8.15	80
E	.341	8.66	85
F	.361	9.17	90
G	.380	9.65	95
H	.420	10.67	105
J	.439	11.15	110
K	.478	12.14	120
L	.518	13.16	130

SLIP KNOT



Materials and Finishes

Cover, Coupling Nut	Aluminum alloy or Stainless steel. See Ordering Info for material and finish options
Lanyard	Black nylon rope .062" (1.57) diameter or 1/32" stainless steel rope with black nylon coating .034" (0.86) diameter
Crimp Ring, Attachment Ring and Crimp Ferrule	Stainless steel with black oxide finish
Shrink Sleeve	Polyolefin, black

Series 88 SuperFly

Protective Covers for Series 881 Connectors

889-006 Rubber Cover for Threaded Plugs

889-006 BEAN RUBBER COVERS FOR SERIES 881 PLUGS WITH THREADED COUPLING



- Fungus-resistant neoprene per ASTM D 2000 BC610Z1
- Fits SuperFly plugs with threaded coupling
- Attach with ring or loose crimp ferrule
- Flexible, high strength $\frac{1}{32}$ inch stainless steel lanyard with black nylon coating
- Stainless steel attachment ring
- Copper alloy crimp ferrule with non-reflective black chromate over zinc finish

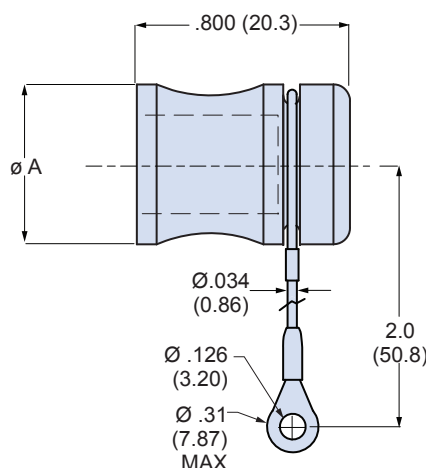


889-006 cover fits 881-001P, 886-005P and 886-006P threaded coupling plugs

Neoprene cover fits 881-001P, 886-005P AND 886-006P plugs with threaded coupling. Protects connector from water and debris ingress. Flexible stainless steel lanyard is coated with abrasion-resistant black nylon. Supplied with 2 inch (51 mm) lanyard with .125" (3.18) ring, or with 5 inch lanyard and loose crimp ferrule for attaching to cable. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard. -55° to +120°C. Meets fungus resistance requirement of MIL-STD-810.

COVER WITH 2 INCH LANYARD AND RING

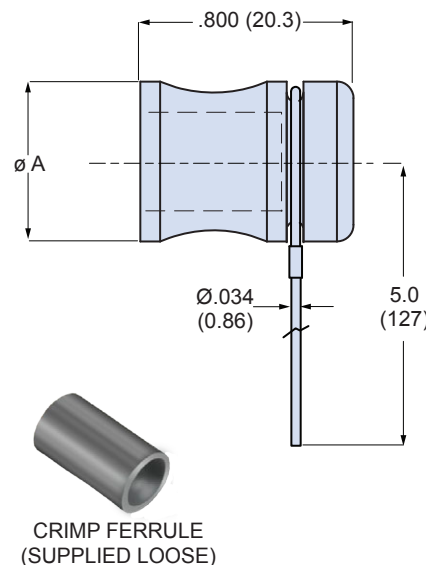
Black nylon coated stainless steel lanyard with stainless steel ring.



Shell Size	Part Number	Ø A	
		In.	mm.
B	889-006-BS2-01	.55	14.0
C	889-006-CS2-01	.60	15.2
D	889-006-DS2-01	.60	15.2
E	889-006-ES2-01	.65	16.5
F	889-006-FS2-01	.65	16.5
G	889-006-GS2-01	.65	16.5
H	889-006-HS2-01	.70	17.8
J	889-006-JS2-01	.75	19.1
K	889-006-KS2-01	.75	19.1
L	889-006-LS2-01	.80	20.3

COVER WITH 5 INCH LANYARD AND CRIMP FERRULE

Black nylon coated stainless steel lanyard with loose crimp ferrule. Loop lanyard around cable through ferrule and crimp with flat nose pliers.

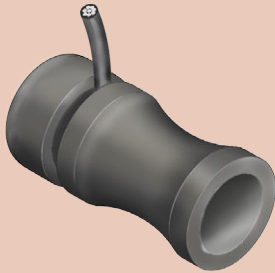


Shell Size	Part Number	Ø A	
		In.	mm.
B	889-004-BS5-00-CF	.55	14.0
C	889-004-CS5-00-CF	.60	15.2
D	889-004-DS5-00-CF	.60	15.2
E	889-004-ES5-00-CF	.65	16.5
F	889-004-FS5-00-CF	.65	16.5
G	889-004-GS5-00-CF	.65	16.5
H	889-004-HS5-00-CF	.70	17.8
J	889-004-JS5-00-CF	.75	19.1
K	889-004-KS5-00-CF	.75	19.1
L	889-004-LS5-00-CF	.80	20.3

Series 88 SuperFly
Protective Covers for Series 881 Connectors
889-007 Rubber Cover for Threaded Receptacles



889-007 BEAN RUBBER COVERS FOR SERIES 881 RECEPTACLES WITH THREADED COUPLING



- Fungus-resistant neoprene per ASTM D 2000 BC610Z1
- Fits SuperFly cable receptacles with threaded coupling
- Attach with ring or loose crimp ferrule
- Flexible, high strength $\frac{1}{32}$ inch stainless steel lanyard with black nylon coating
- Stainless steel attachment ring
- Copper alloy crimp ferrule with non-reflective black chromate over zinc finish



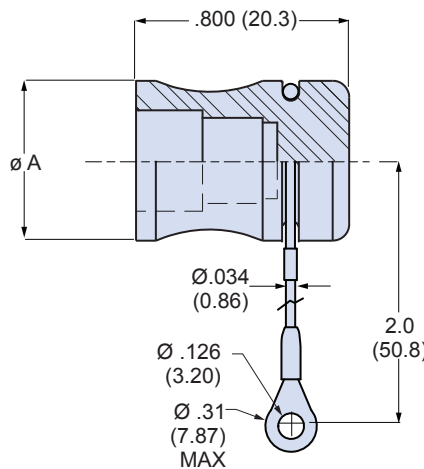
889-007 cover fits 881-002R, 886-007R and 886-008R threaded coupling receptacles

Neoprene cover fits 881-002R, 886-007R and 886-008R receptacles with threaded coupling. Protects connector from water and debris ingress. Flexible stainless steel lanyard is coated with abrasion-resistant black nylon. Supplied with 2 inch (51mm) lanyard with .125" (3.18) ring, or with 5 inch lanyard and loose crimp ferrule for attaching to cable. Loop lanyard around cable, terminate with flat nose pliers and remove excess lanyard. -55° to +120°C. Meets fungus resistance requirement of MIL-STD-810.

NOT FOR USE WITH PANEL RECEPTACLES 881-003R AND 881-004R. Use 667-361 metal covers.

COVER WITH 2 INCH LANYARD AND RING

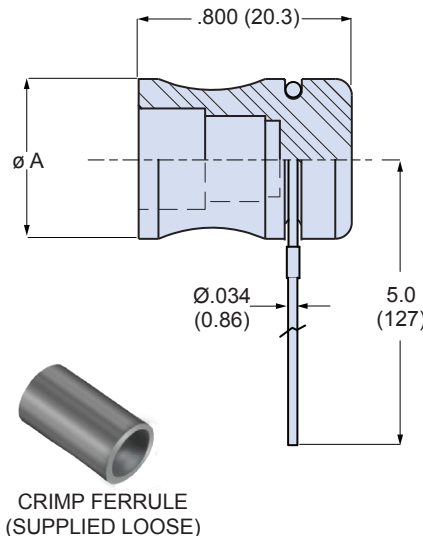
Black nylon coated stainless steel lanyard with stainless steel ring.



Shell Size	Part Number	Ø A	
		In.	mm.
B	889-007-BS2-01	.55	14.0
C	889-007-CS2-01	.55	14.0
D	889-007-DS2-01	.55	14.0
E	889-007-ES2-01	.60	15.2
F	889-007-FS2-01	.60	15.2
G	889-007-GS2-01	.65	16.5
H	889-007-HS2-01	.65	16.5
J	889-007-JS2-01	.70	17.8
K	889-007-KS2-01	.75	19.1
L	889-007-LS2-01	.75	19.1

COVER WITH 5 INCH LANYARD AND CRIMP FERRULE

Black nylon coated stainless steel lanyard with loose crimp ferrule. Loop lanyard around cable through ferrule and crimp with flat nose pliers.



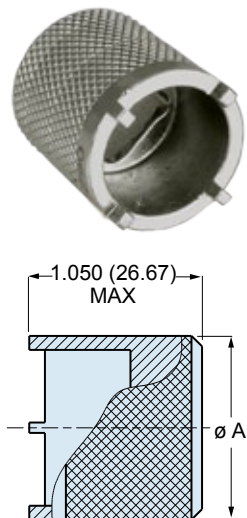
Shell Size	Part Number	Ø A	
		In.	mm.
B	889-007-BS5-00-CF	.55	14.0
C	889-007-CS5-00-CF	.55	14.0
D	889-007-DS5-00-CF	.55	14.0
E	889-007-ES5-00-CF	.60	15.2
F	889-007-FS5-00-CF	.60	15.2
G	889-007-GS5-00-CF	.65	16.5
H	889-007-HS5-00-CF	.65	16.5
J	889-007-JS5-00-CF	.70	17.8
K	889-007-KS5-00-CF	.75	19.1
L	889-007-LS5-00-CF	.75	19.1

Series 88 SuperFly Tools and Accessories

600-192 Spanner Nut Tightening Tool, Band-Master™ ATS Tool

600-192 SPANNER NUT TIGHTENING TOOL

Spanner nut tool fits front panel mount or rear panel mount jam nuts. Heat-treated steel, nickel plated. 1/4" or 3/8" square drive.



Shell Size	Spanner Tool Part Number	Ø A		Drive Square	Recommended Torque (In-Lbs.)	
		In.	mm.		Min	Max
B	600-192-B	.412	10.46	1/4"	20	25
C	600-192-C	.432	10.97	1/4"	20	25
D	600-192-D	.451	11.46	1/4"	20	25
E	600-192-E	.471	11.96	1/4"	20	25
F	600-192-F	.491	12.47	1/4"	20	25
G	600-192-G	.510	12.95	1/4"	20	25
H	600-192-H	.549	13.94	3/8"	25	30
J	600-192-J	.589	14.96	3/8"	25	30
K	600-192-K	.608	15.44	3/8"	25	30
L	600-192-L	.648	16.46	3/8"	25	30

BAND-MASTER™ ADVANCED TERMINATION SYSTEM (ATS)

Fast, cost-effective shield termination. Attach cable shields to SuperFly connectors with **Band-Master™ ATS** stainless steel straps. The **Band-Master™ ATS** system offers fast termination and the flexibility to handle a wide range of parts with just one band size. Approved for aerospace and defense, these straps have successfully passed rigorous shock, vibration and environmental testing.

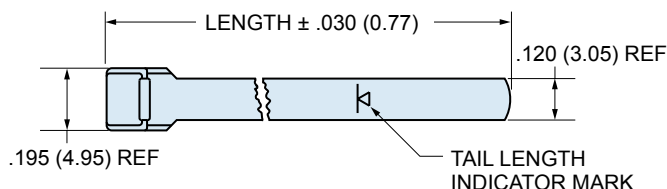


1 Micro Band Installation Tool. Use with .120" (3.05 mm) wide bands. Supplied with hard shell plastic case with die-cut foam and instruction sheet. Serialized and calibrated. 6.75 inches (172 mm.) length, 1.2 pounds (0.6 Kg.)

2 Micro Band, .120" (3.05 mm) wide. Available flat or pre-coiled. Stainless steel.

Figure	Description	Part Number
1	Micro Band Installation Tool	600-061

Figure	Length		Part Number		Accommodates Diameter	
	in.	mm.	Flat	Pre-Coiled	in.	mm.
2	8.125	206.38	600-057	600-057-1	.88	22.35

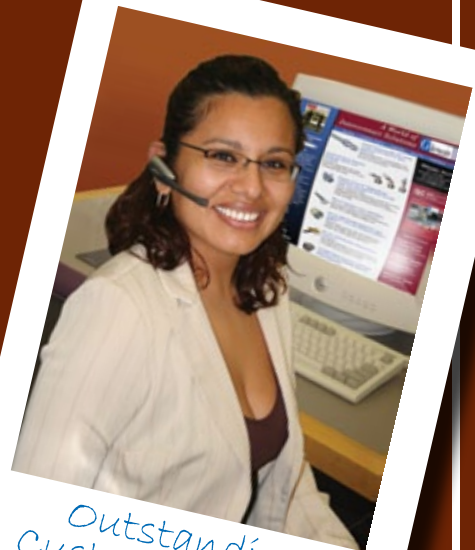


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