



Series 28 HiPer-D M24308 Compatible Connectors



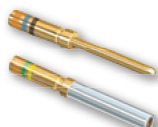
*Advanced Performance
M24308/D-Sub Intermateable*

**The high-performance
D-Subminiature for extreme
land, air and space applications**

Contact Type	Fig.	Wire Size	Part Number	M39029 Part Number	Insertion and Removal Tool
Pin	1	#20-24	850-022-20-369	M39029/64-369	M81969/39-01
Socket	2	#20-24	850-021-20-368	M39029/63-368	859-017



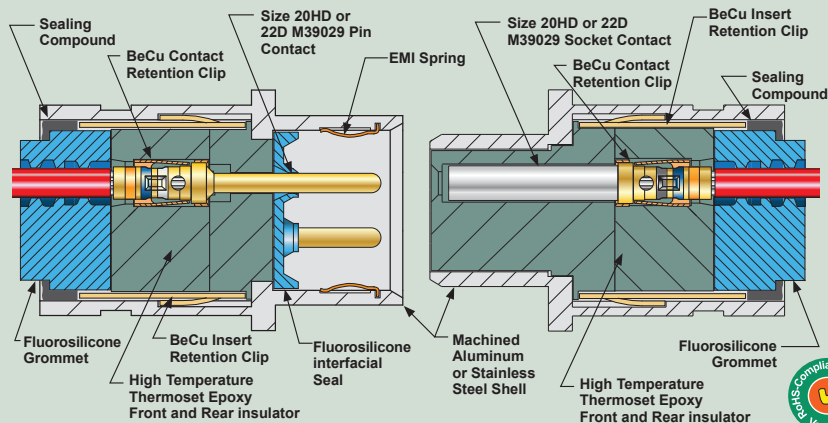
#20 Contacts



#22D Contacts

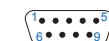
Contact Type	Fig.	Wire Size	Part Number	M39029 Part Number	Insertion and Removal Tool
Pin	1	#22-28	850-002-22-360	M39029/58-360	M81969/14-01
Socket	2	#22-28	850-003-22-354	M39029/57-354	859-020

Inside a Series 28 HiPer-D Connector

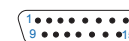


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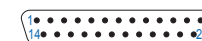
HiPer-D Contact Arrangements: Standard Density, #20 Contacts



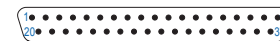
1S9
9 #20 Contacts



2S15
15 #20 Contacts

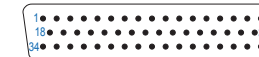


3S25
25 #20 Contacts



4S37
37 #20 Contacts

Mating face of pin connector.



5S50
50 #20 Contacts

HiPer-D Contact Arrangements: High Density, #22 Contacts



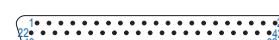
1H15
15 #22D Contacts



2H26
26 #22D Contacts



3H44
44 #22D Contacts



4H62
62 #22D Contacts



5H78
78 #22D Contacts



6H104
104 #22D Contacts

Specifications

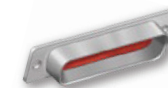
Current Rating	#22D 5 AMPS, #20 7.5 AMPS
Test Voltage	1000 VAC RMS
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +200° C.
Ingress Protection	IP 67
Shock	300 g.
Vibration, Random	43.92 g.

Materials and Finishes

Shell	Aluminum alloy
Contacts	Copper alloy, 50 microinches gold plated, stainless steel hood
Insulators	Thermoset epoxy
Retention Clips	Copper alloy
Grommet, Interfacial Seal	Fluorosilicone rubber
Hardware	300 series stainless steel



289-003 Protective Cover for HiPer-D Pin Connectors



289-019 Protective Cover with Fluorosilicone Rubber Gasket



289-004 Protective Cover with EMI/RFI Spring and Gasket



SavCon® Connector Savers for HiPer-D Connectors

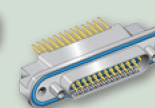
Series 28 HiPer-D Product Selection Guide



Cable Connectors



Panel Mount Connectors Crimp Termination



Straight PCB Connectors



Right Angle PCB Connectors



Connector Backshells and Accessories