



Sav-Con® Connector Savers



- For every Military Standard connector
- All standard materials and finish platings
- Fully repairable general duty, environmental, filter, hermetic and high-reliability performance classes
- Pin/pin, pin/socket, socket/socket versions, as well as gender changers
- Optional locking mechanism
- Keyed polarization



Sav-Con® Connector Savers are the smart solution for preventing contact damage and extending the service life of cable assemblies

Glenair Makes a Sav-Con® Connector Saver for Every Military Standard Connector Currently in Use

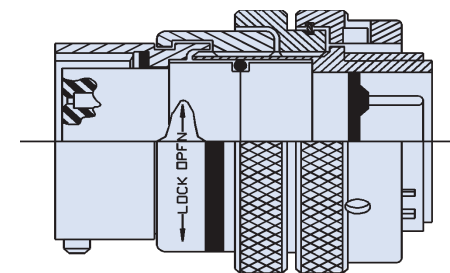
- MIL-DTL-26482 Series I and II
- MIL-DTL-28840
- MIL-DTL-38999 Series I, II and III
- MIL-DTL-83733
- LN 29729 (SJT)
- PATT 105 and PATT 602
- MIL-DTL-5015
- Series 801 and 805 Mighty Mouse
- M24308 Subminiature
- Micro-D Subminiature UniSaver
- Filtered Micro-D Subminiature
- Hermetic Solutions
- Series 28 HiPer-D
- Series 79 Micro-Crimp
- EMI/EMP Filter Specials



Sav-Con® Connector Savers

Each Glenair Sav-Con® Connector Saver Meets the Military Specification Performance Requirements of its Mating Connector

Military Specification Compliance			
Characteristic	Class 0	Class 1	Class 2
Mechanical			
Mating/Unmating Forces	Yes	Yes	Yes
Durability	Yes	Yes	Yes
Insert retention	Yes	Yes	Yes
Contact Retention	Yes	Yes	Yes
Coupling Pin strength	Yes	Yes	Yes
Contact Engagement & Disengagement Forces	Yes	Yes	Yes
Resistance to Probe Damage	Yes	Yes	Yes
EMI Ground Spring Forces	Yes	Yes	Yes
Electrical			
Contact Resistance	Yes	Yes	Yes
Electrical Engagement	Yes	Yes	Yes
Insulation Resistance	Yes	Yes	Yes
Dielectric	Yes	Yes	Yes
Withstanding Voltage	Yes	Yes	Yes
Magnetic Permeability	Yes	Yes	Yes
Electrical Conductivity	Yes	Yes	Yes



Sav-Con® Lock Ring Prevents Accidental Disengagement of Bayonet Coupled Connectors

Locking a Sav-Con® Connector Saver to a receptacle can prevent accidental or unauthorized unmating. This can insure that the equipment receptacle remains in its unused condition prior to delivery.

Table I: Materials and Finishes	
Shell, Barrel, and Coupling Nut (Environmental)	Aluminum alloy 6061-T6 per ASTM-B 211, 221, see catalog or consult factory for shell finishes
Front and Rear Insulators	Glass-filled liquid crystal polymer (LCP) in accordance with MIL-M-24519, Type GLP-30F
Contact Retention Clip	Beryllium copper, heat-treated, unplated
Grommet, Peripheral Seal and Interfacial Seal	Blended elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Pin / Socket Contacts (Environmental)	Copper Alloy / Gold Plate
Socket Contact Hoods	Corrosion Resistant Steel IAW AISI303 Passivate QQ-P-35
Wave Spring (Bayonet Versions)	Stainless Steel 17-7PH, Condition C Passivate QQ-P-35
EMI Ground Springs	Beryllium Copper, Gold Plate MIL-G-45204
Adhesives	Silicone and epoxy
Potting Compound, PCB and Solder Cup Versions	Environmental and Hermetic Connectors: High-strength epoxy, Hysol EE4215. Filter Connectors: Stycast 2850FT/Catalyst 11 thermally conductive epoxy encapsulant.