

QUALIFIED
MIL-DTL-28840
Connectors and Accessories



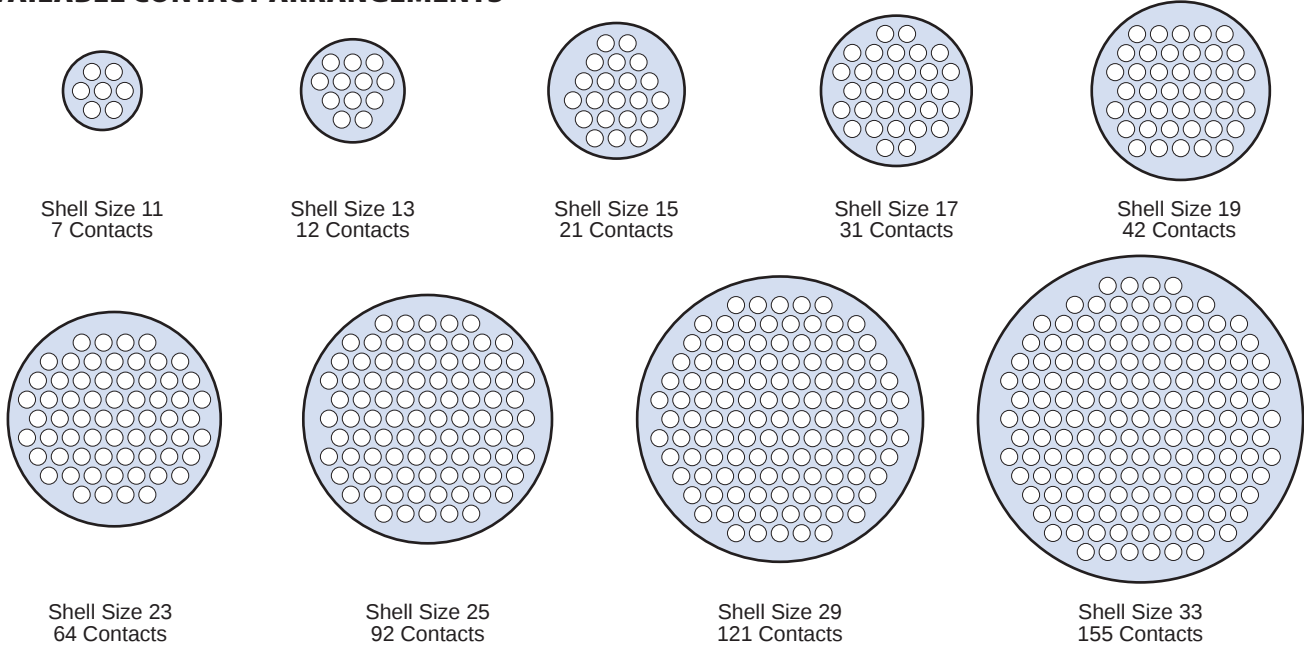
MIL-DTL-28840 qualified connectors
in-stock and ready for immediate,
same-day shipment

- High density, scoop proof contact arrangements
- Flange mount, box mount, jam-nut and in-line receptacles
- Straight, 45° and 90° strain reliefs and backshell assemblies
- Sav-Con® connector savers
- MIL-DTL-28840 qualified
- Additional glenair commercial part numbers with features not available in the mil-spec

Qualified military standard electrical connectors and accessories for shipboard—and all rugged environmental applications

Performance Specifications	
Current Rating (Maximum)	Size #20 Contact with 20AWG wire=7.5Amps, with 22AWG wire=5.0Amps
Test Voltage (DWV)	1000 VAC RMS at sea level. Test per EIA-364-20
Insulation Resistance	5000 megohms minimum (at ambient temperature) per EIA-364-21
Contact Resistance	Per SAE-AS39029
Operating Temperature	-55° C to +200° C
Immersion	per test method EIA-364-09
Shock	in accordance with MIL-S-901 grade A
Vibration	per EIA-364-28 test procedure
Magnetic Permeability	2.0 μ (Aluminum), 5.0 μ (Stainless Steel) maximum; ASTM-A342/A342M

AVAILABLE CONTACT ARRANGEMENTS



QUALIFIED
MIL-DTL-28840
Connectors and Accessories



STANDARD PIN CRIMP CONTACT FOR MIL-DTL-28840 CONNECTORS



Mating End Size	Wire Accomodation	Military Part Number	Glenair Part Number
20	28-32 AWG	M39029/83-451	850-004-20-451
20	22-26 AWG	M39029/83-450	850-004-20-450
20	20-24 AWG	M39029/83-508	850-004-20-508

STANDARD SOCKET CRIMP CONTACT FOR MIL-DTL-28840 CONNECTORS



Mating End Size	Wire Accomodation	Military Part Number	Glenair Part Number
20	28-32 AWG	M39029/84-453	850-005-20-453
20	22-26 AWG	M39029/84-452	850-005-20-452
20	20-24 AWG	M39029/84-509	850-005-20-509



Splined MIL-DTL-28840 connector-to-backshell interface is ideally suited for heavy backshells and cables

Crimping Tools
M22520/34-01 Basic Crimp Tool
M22520/34-02 Positioner
M22520/35 Gage

Insertion & Removal Tools
M81969/33-01 Straight Insertion Tool
M81969/33-02 Offset Insertion Tool
M81969/34-01 Removal Tool

Pin Contact
M39029/83 Standard Duty Electrical Pin Contact

Socket Contact
M39029/84 Standard Duty Electrical Socket Contact

Environmental Backshells
M28840/6 B Straight
M28840/9 B 45°
M28840/8 B 90°

EMI/RFI Environmental Backshells
M28840/6 A Straight
M28840/8 A 90°
M28840/9 A 45°

Connector Sockets
600G005

Non-Self-Locking
M28840/23

Non-Self-Locking
M28840/1 Straight
M28840/3 45°
M28840/2 90°

Dummy Stowage Receptacles
M28840/7

Protective Plug Covers
M28840/15

Protective Receptacle Covers
M28840/13

Jam Nuts
MS3186

Mounting Flanges and Gaskets
M28840/24 Gasket

MIL-PRF-24758A Conduit Fittings
M24758-14 Straight (M24758/14 Straight.)
M28840/5 Straight • M28840/25 90° • M28840/27 45° • M28840/30 Coupling