

# MIL-DTL-38999 Series III



## MIL-DTL-38999 Series III Connector

With a proven history of engineering and manufacturing excellence spanning over 90 years, ITT has delivered a broad range of innovative product solutions that have and continue to enable our customers to meet their most demanding design requirements. ITT's design centers provide time proven high quality products and exceptional service to customers through a global network of field application engineers, sales force and manufacturing facilities.

The D38999 Series III meets the stringent MIL-DTL-38999 specifications and is ideally suited for the harsh environments in military and aerospace. This product line is fully qualified under the MIL-C-39029 standards for contacts, MIL-I-81969 for application tools, and MIL-STD-1560 for insert arrangements.



Datasheet Wiki

### Innovative Interconnect Benefits

- High contact density
- Wire sealing grommets
- Meets all stringent DLA qualifications requirements
- Available Class F (Nickel), Class G and Class W (DD CAD/Nickel) which accommodates up to 500h salt spray resistance.

### Product Features

- Superior EMI shielding provides protection up to 65dB at 10 GHZ 100% scoop proof
- Rear release crimp snap-in contacts
- Interfacial seal inhibits electrolytic erosion of contacts.

### Applications

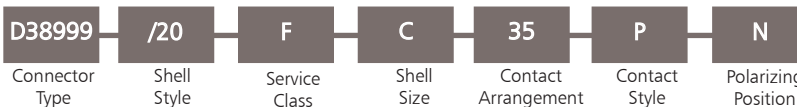
- Military Vehicles
- Defense Electronics
- Commercial & Military Aircraft
- Tactical Communications
- Avionics



# MIL-DTL-38999 Series III Selection Guide

Max. Voltage	Max. Current	Operating Temp	Durability
1000 - 2300 VAC	1.5 - 23.0 Amps	-65° C to + 200° C	500 Mating Cycles

MIL-DTL-38999 Series III  
Product Line Talking Dog



Connector Type	D38999 - MIL-DTL-38999 Series III
Shell Style	D38999/20 - Wall mount receptacle
	D38999/24 - Jam nut receptacle
	D38999/26 - Straight plug, grounded
Service Class	F - Electroless nickel (-85°F to +392°F (-65°C to +200°C)), Aluminum
	G - Electroless nickel plated. Space Grade, Aluminum
	W - Olive drab cadmium over electroless nickel plate (-85°F to +347°F (-65°C to +175°C)), Aluminum
Shell Size	A, B, C, D, E, F, G, H, J
Contact Arrangements	9-35, 9-98, 11-5, 11-35, 11-98, 13-8, 13-98, 13-35, 15-5, 15-15, 15-18, 15-19, 15-35, 15-97, 17-6, 17-8, 17-26, 17-35, 19-11, 19-32, 19-35, 21-11, 21-16, 21-35, 21-39, 21-41, 21-75, 23-21, 23-35, 23-53, 23-55, 25-4, 25-19, 25-24, 25-29, 25-35, 25-43, 25-61
Contact Style	P - Pin contact
	S - Socket contact
	A - Less Pin contacts*
	B - Less Socket contacts*
Polarizing Position	N (Normal), A, B, C, D, E

\* Used only when other than power contacts are to be installed (i.e. shielded thermocouple, etc.)  
 Note: To order MS connectors less standard power contacts, purchase order must state "Less Contacts"

Visit us online at [www.ittcannon.com](http://www.ittcannon.com) or these social media networks: **ITT Corporation**



Americas:  
 James Yoshitake  
 714.628.2182  
 james.yoshitake@ittcorp.com

Europe:  
 Rob Pulman  
 44.1256.311512  
 rob.pulman@ittcorp.com

Asia:  
 Teddy Chan  
 852.25895830  
 teddy.chan@ittcorp.com

Japan:  
 Takashi Goto  
 81.46.257.2012  
 takashi.goto@ittcorp.com