

Military to Commercial Shell Style Conversion Table

How to Order (Military)

38999

MILITARY	DESCRIPTION	COMMERCIAL
D38999/20	Wall Mounting Receptacle	TVP00 or TVPS00 (AL & SS); CTVP00, CTVPS00 (Composite)
D38999/21	Hermetic Box Mounting Receptacle	TVPS02Y, TVPS02YN
D38999/23	Hermetic Jam Nut Receptacle	TVS07Y, TVS07YN
D38999/24	Jam Nut Receptacle	TV07, TVS07 (AL & SS); CTV07, CTVS07 (Composite)
D38999/26	Straight Plug	TV06, TVS06
D38999/25	Solder Mount Receptacle (Hermetic)	TVSI
D38999/27	Weld Mounted Receptacle (Hermetic)	TVSHI

HOW TO ORDER: MILITARY

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Connector Type	Shell Style	Service Class	Shell Size- Insert Arrangement	Contact Type	Alternate Keying Position
D38999/	20	J	G35	P	N

1. CONNECTOR TYPE

38999/	MIL-DTL-38999 III
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2. SHELL STYLE

20	Wall Mount Receptacle
21	Box Mount Receptacle Hermetic
26	Straight Plug
24	Jam Nut Receptacle
23	Jam Nut Receptacle Hermetic
25	Solder Mount Receptacle Hermetic
27	Weld Mounted Receptacle, (Hermetic) Only

3. SERVICE CLASS

Military	Finish	RoHS	Material	Material/ Description
C	Anodic Coating	■	Aluminum	200°C, 500 hour salt spray
F	Electroless Nickel	■	Aluminum	200°C, EMI shielding -65dB @ 10GHz, 48 hour salt spray
G	Electroless Nickel	■	Aluminum	200°C, Space grade, 48 hour salt spray
J	Olive Drab Cadmium	■	Composite	175°C, 2000 hours dynamic salt spray, EMI Shielding -50 dB@10 GHz specification min.
K	Passivated Stainless Steel	■	Stainless Steel	200°C, firewall capability, 500 hour salt spray resistance, EMI -45 dB @ 10 GHz specification min.
L	Stainless Steel w/ Nickel Plate	■	Stainless Steel	Corrosion resistant steel, 200°C, 500 hour salt spray, , non firewall, EMI shielding -65dB @ 10GHz specification min.
M	Electroless Nickel	■	Composite	200°C, EMI shielding -65dB @ 10GHz, 2000 hours dynamic salt spray
N	Stainless Steel w/ Nickel Plate	■	Stainless Steel	Hermetic connectors, corrosion resistant steel, 200°C
S	Stainless Steel w/ Nickel Plate	■	Stainless Steel	Non-hermetic connectors, corrosion resistant steel, 200°, firewall capability, 500 hour salt spray, EMI shielding -65dB @ 10GHz specification min.
T	Durmalon plated	■	Aluminum	Nickel-PTFE alternative to Cadmium, 175°C, 500 hour salt spray, EMI -50dB at 10GHz specification min.
W	Olive Drab Cadmium	■	Aluminum	175°C , 500 hour salt spray, EMI Shielding -50 dB@10 GHz specification min.
Y	Stainless Steel	■	Stainless Steel	Hermetic seal, 200°C passivated stainless steel
Z	Zinc-Nickel Plated	■	Aluminum	Zinc-Nickel Alternative to Cadmium, +175°C, 500 hour salt spray, EMI Shielding -50 dB @ 10 GHz specification min.

Series III

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