

SuperNine® Fiber optics

MIL-DTL-38999 Series III Type

180-091 (06) plug • Multi-channel



FIBER OPTIC CONNECTORS

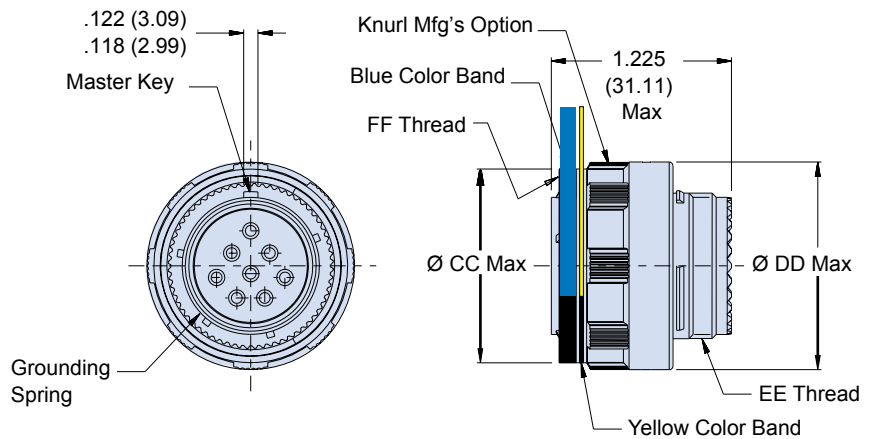


Part Number Development						
Sample Part Number	180-091	XW	06	-17-8	P	N
Series / Basic Part No.	D38999 Series III Type					
Material/Finish	See Material/Finish Table					
Connector Style	06 = Plug Connector					
Shell Size/Insert Arr.*	IAW MIL-DTL-38999 Series III, Per MIL-STD-1560					
Insert Designation	P = Pin S = Socket					
Alternate Key Position*	A, B, C, D, E, N = Normal; Per MIL-DTL-38999					

*See 'reference information' portion of this section for complete details

NOTES

1. Insert arrangement in accordance with MIL-STD-1560, see page G-12.
2. Blue color band indicates rear release retention system. Yellow color band indicates fiber optic connector. Blue and yellow color bands are located approximately as shown - sequencing optional.
3. For Glenair terminus part numbers see Glenair drawing 181-001 and 181-002.
4. Material and finish:
 - Barrel, coupling nut: see material and finish table
 - Coupling nut (for composite): high grade engineering thermoplastic/unplated
 - Insulator: high grade rigid dielectric
 - Seals: fluorosilicone
 - Ground spring: copper alloy/nickel



Material and Finish		
Code	Material	Finish Description
M	Aluminum Alloy	Electroless Nickel
MT		Nickel - PTFE, Grey
ZNU		Zinc-Nickel, Black
ZR		Zinc-Nickel, Black (RoHS)
XM	Composite	Electroless Nickel
XMT		Nickel - PTFE, Grey
XW		Cadmium, Olive Drab
XZN		Zinc-Nickel, Black
MS	Stainless Steel	Electroless Nickel
ZL		Electro-Deposited Nickel
ZI		Passivate
AB	Marine Bronze	None (Clean Only)

Dimensions					
Shell Size Code	Shell Size	FF Thread	Ø CC Max	Ø DD Max	EE Thread
A	9	.6250-1P-3L-TS-2B	.811 (20.60)	.858 (21.79)	M12 x 1.0-6g 0.100R
B	11	.7500-1P-3L-TS-2B	.929 (23.6)	.984 (25.0)	M15 x 1.0-6g 0.100R
C	13	.8750-1P-3L-TS-2B	1.110 (28.2)	1.157 (29.4)	M18 x 1.0-6g 0.100R
D	15	1.0000-1P-3L-TS-2B	1.232 (31.3)	1.280 (32.5)	M22 x 1.0-6g 0.100R
E	17	1.1875-1P-3L-TS-2B	1.358 (34.5)	1.406 (35.7)	M25 x 1.0-6g 0.100R
F	19	1.2500-1P-3L-TS-2B	1.469 (37.3)	1.516 (38.5)	M28 x 1.0-6g 0.100R
G	21	1.3750-1P-3L-TS-2B	1.594 (40.5)	1.642 (41.7)	M31 x 1.0-6g 0.100R
H	23	1.5000-1P-3L-TS-2B	1.720 (43.7)	1.768 (44.9)	M34 x 1.0-6g 0.100R
J	25	1.6250-1P-3L-TS-2B	1.843 (46.8)	1.890 (48.0)	M37 x 1.0-6g 0.100R