180-091 (06) Plug
Advanced Fiber Optic Connector
MIL-DTL-38999 Series III Type

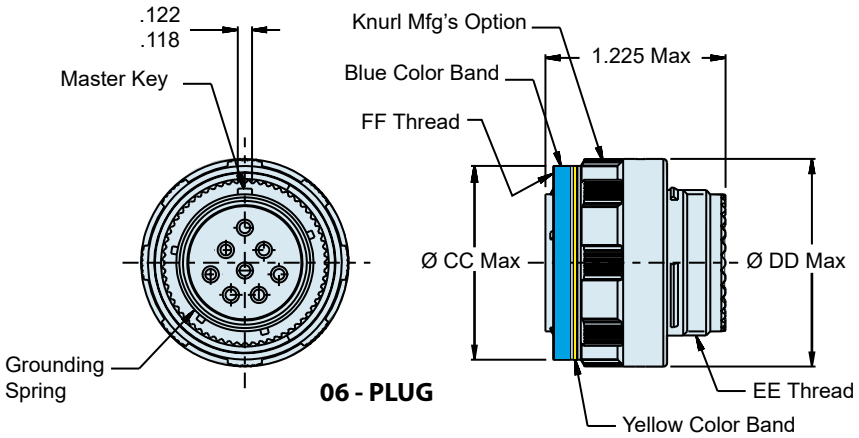
D38999 Series III

B

MIL-DTL-38999 type advanced fiber optic plug connector

How To Order

Product Series	Material/Finish (Table II)	Shell Size (Table I)			Insert Designation P = Pin S = Socket	
180	- 091	XW	06	- 17 - 8	P	N
Basic No.			06 = Plug Connector		Insert Arrangement (See Page B-12)	Alternate Key Position per MIL-DTL-38999 A, B, C, D, or E N = Normal



06 - PLUG

Material and Finish

Barrel, Coupling Nut: See Table II
Coupling Nut (for Composite): High Grade Engineering Thermoplastic/Unplated
Insulator: High Grade Rigid Dielectric
Seals: Fluorosilicone
Ground Spring: Copper Alloy/Nickel

Notes

1. Insert arrangement in accordance with MIL-STD-1560, See Page B-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 appropriate Glenair Terminus part numbers see Glenair Drawing 181-001 and 181-002.

Table I					
Shell Size Code	Shell Size	FF Thread	Ø CC Max	Ø DD Max	EE Thread
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

Material and Finish		
Code	Material	Finish Description
M	Aluminum Alloy	Electroless Nickel
MT		Nickel - PTFE, Grey
NF		Cadmium, Olive Drab
ZN		Zinc-Nickel, Olive Drab
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
Z1		Passivate
AB	Marine Bronze	None (Clean Only)

Refer to Appendix for material/finish details