



FIBER OPTIC CONNECTORS



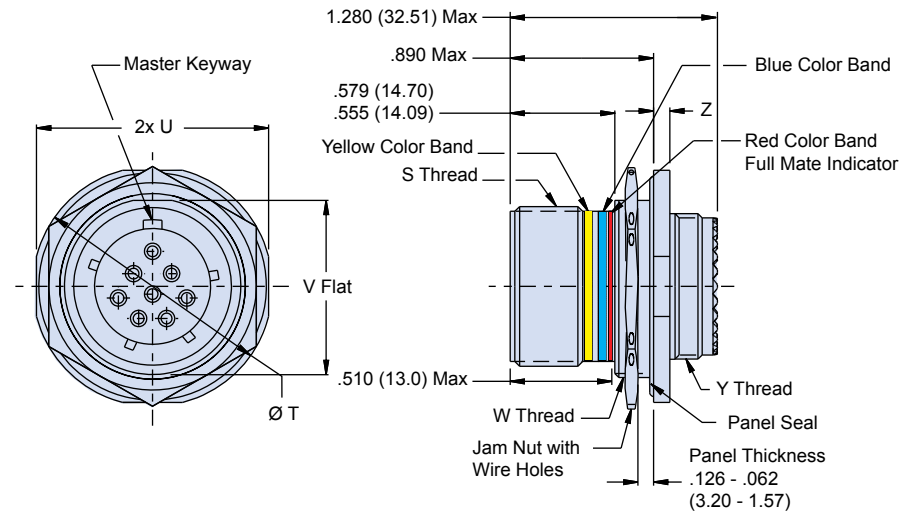
NOTES

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. For recommended panel cutout and alternate key positions, See Page G-13 and G-14.
5. S7 wall mount receptacle can be front panel mounted using cut out dimensions R1 or R2. Dimension R2 is for use with S7 wall mount receptacle only.
6. Material and Finish:
 - Shell, Jam Nut: See Material and Finish Table
 - Jam Nut (for Composite): Al Alloy, plated same as shell
 - Insulator: High Grade Rigid Dielectric
 - Seals: Fluorosilicone

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)

Part number development						
Sample Part Number	180-091	XW	08	-17-8	P	N
Series / Basic Part No.	D38999 Series III Type					
Material/Finish	See Material/Finish Table					
Connector Style	08 = Jam Nut Receptacle					
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



Dimensions								
Shell Size Code	Shell Size Ref	S Thread .1P-.3L-TS-2A	Ø T	U	V	W Thread 1.0-6g 0.100R	Y Thread 1.0-6g 0.100R	Z
A	9	.6250-	1.200 (30.48) 1.777 (45.14)	1.079 (27.41) 1.047 (26.59)	.655 (16.64) .645 (16.38)	M17	M12	.121 (3.1) .083 (2.1)
B	11	.7500	1.386 (35.20) 1.362 (34.59)	1.268 (32.21) 1.236 (31.39)	.755 (19.18) .745 (18.92)	M20	M15	.121 (3.1) .083 (2.1)
C	13	.8750	1.512 (38.40) 1.488 (37.80)	1.390 (35.31) 1.358 (34.49)	.942 (23.93) .932 (23.67)	M25	M18	.121 (3.1) .083 (2.1)
D	15	1.0000	1.638 (41.61) 1.614 (41.00)	1.516 (38.51) 1.484 (37.69)	1.066 (27.08) 1.056 (26.82)	M28	M22	.121 (3.1) .083 (2.1)
E	17	1.1875	1.764 (44.81) 1.740 (44.20)	1.642 (41.71) 1.610 (40.89)	1.191 (30.25) 1.181 (30.00)	M32	M25	.121 (3.1) .083 (2.1)
F	19	1.2500	1.949 (49.50) 1.925 (48.90)	1.827 (46.41) 1.795 (45.59)	1.316 (33.43) 1.306 (33.17)	M35	M28	.154 (3.9) .114 (2.9)
G	21	1.3750	2.075 (52.71) 2.051 (52.10)	1.953 (49.61) 1.921 (48.79)	1.441 (36.60) 1.431 (36.35)	M38	M31	.154 (3.9) .114 (2.9)
H	23	1.5000	2.201 (55.91) 2.177 (55.30)	2.079 (52.81) 2.047 (51.99)	1.566 (39.78) 1.556 (39.52)	M41	M34	.154 (3.9) .114 (2.9)
J	25	1.6250	2.323 (59.00) 2.299 (58.39)	2.205 (56.01) 2.173 (55.19)	1.691 (42.95) 1.681 (42.70)	M44	M37	.154 (3.9) .114 (2.9)