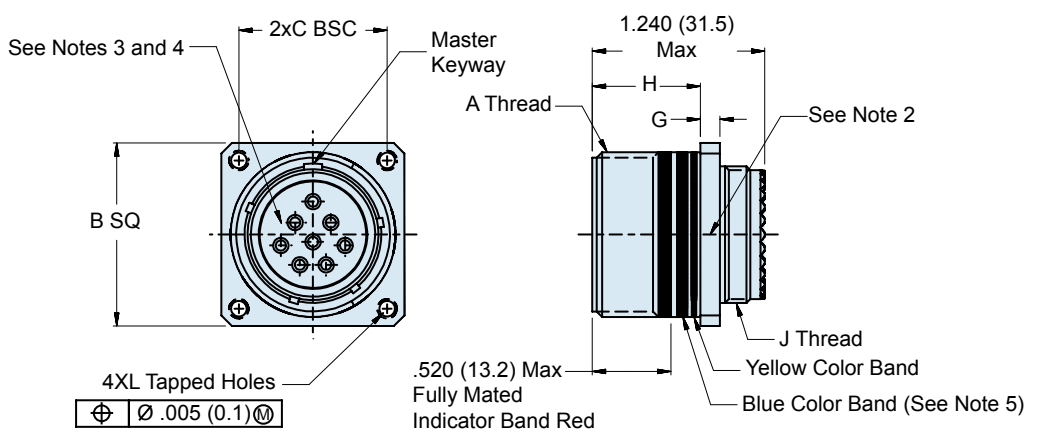
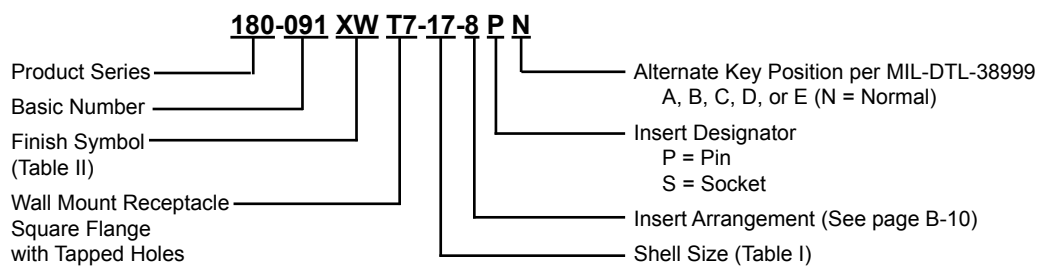




**180-091 (T7 - Square Flange Wall Mount)  
Advanced Fiber Optic Receptacle Connector  
MIL-DTL-38999 Series III Style with Tapped Holes**



**T7 - WALL MOUNT RECEPTACLE  
SQUARE FLANGE WITH TAPPED HOLES**

**APPLICATION NOTES**

- Material/ Finishes:  
Shell - See Table II  
Insulators- High Grade Rigid Dielectric/ N.A  
Seals- Fluorosilicone/ N.A.
- Assembly to be identified with Glenair's name, part number and date code space permitting.
- Insert arrangement in accordance with MIL-STD-1560, See Page B-10.
- Insert arrangement shown is for reference only.
- Blue Color Band indicates rear release retention system.
- For appropriate Glenair Terminus part numbers see Glenair Drawing 181-001 and 181-002.
- Metric Dimensions (mm) are indicated in parentheses.

**180-091 (T7 - Square Flange Wall Mount)  
Advanced Fiber Optic Receptacle Connector  
MIL-DTL-38999 Series III Style with Tapped Holes**



**TABLE I: SHELL SIZE**

Shell Size Code	Shell Size	A Thread	B SQ	C BSC	G	H	J Thread	L Tapped Holes
B	11	.7500-1P-.3L-TS-2A	1.043 (26.5) 1.019 (25.9)	.812 (20.6)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M15 x 1.0-6g 0.100R	.112-40 UNC-2B
C	13	.8750-1P-.3L-TS-2A	1.138 (28.9) 1.114 (28.3)	.906 (23.0)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M18 x 1.0-6g 0.100R	.112-40 UNC-2B
D	15	1.0000-1P-.3L-TS-2A	1.232 (31.3) 1.208 (30.7)	.969 (24.6)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M22 x 1.0-6g 0.100R	.112-40 UNC-2B
E	17	1.1875-1P-.3L-TS-2A	1.323 (33.6) 1.299 (33.0)	1.062 (27.0)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M25 x 1.0-6g 0.100R	.112-40 UNC-2B
F	19	1.2500-1P-.3L-TS-2A	1.449 (36.8) 1.425 (36.2)	1.156 (29.4)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M28 x 1.0-6g 0.100R	.112-40 UNC-2B
G	21	1.3750-1P-.3L-TS-2A	1.575 (40.0) 1.551 (39.4)	1.250 (31.8)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M31 x 1.0-6g 0.100R	.112-40 UNC-2B
H	23	1.5000-1P-.3L-TS-2A	1.701 (43.2) 1.677 (42.6)	1.375 (34.9)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M34 x 1.0-6g 0.100R	.138-32 UNC-2B
J	25	1.6250-1P-.3L-TS-2A	1.823 (46.3) 1.799 (45.7)	1.500 (38.1)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M37 x 1.0-6g 0.100R	.138-32 UNC-2B

**TABLE II: FINISH**

SYM	MATERIAL	FINISH
M	Aluminum	Electroless Nickel
NF		Cadmium O.D. Over Electroless Nickel
ZNU		Black Chromate over Zinc-Nickel over Electroless Nickel
XMS	Composite	Electroless Copper
XM		Electroless Nickel
XW		Cadmium O.D. Over Electroless Nickel
MS	Stainless Steel	Electroless Nickel
Z1		Passivate
ZL		Electro-Deposited Nickel