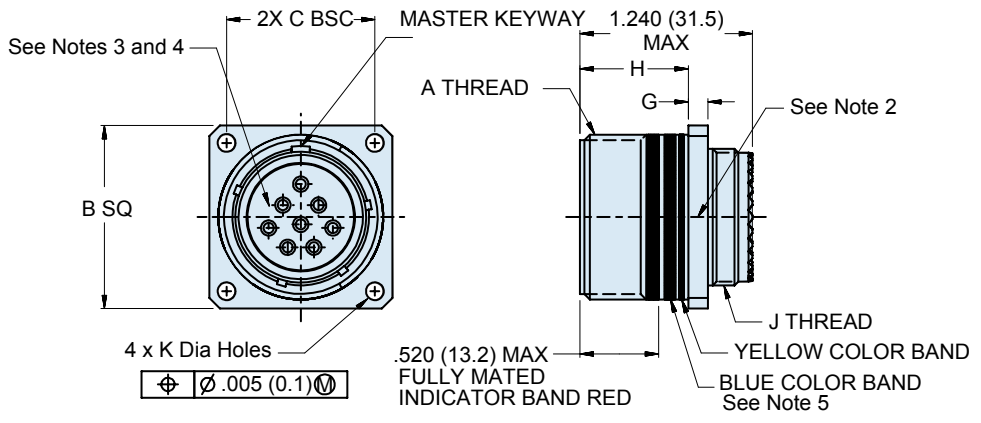
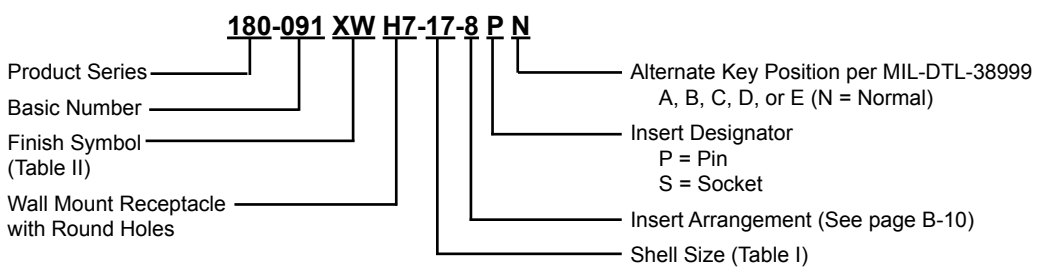




**180-091 (H7 Square Flange Wall Mount)
Advanced Fiber Optic Receptacle Connector
MIL-DTL-38999 Series III Style with Standard Holes**



**H7 - SQUARE FLANGE WALL MOUNT
RECEPTACLE
WITH STANDARD HOLES**

APPLICATION NOTES

- Material/ Finishes:
Shells, Jam Nut - See Table II (Composite Jam Nut & Composite Coupling Nut No Plating Required).
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 in parentheses.

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TABLE I: SHELL SIZE

Shell Size Code	Shell Size	A Thread	B SQ	C BSC	G	H	J Thread	K Holes Dia
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	.136 (3.5) .120 (3.0)
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	.136 (3.5) .120 (3.0)
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	.136 (3.5) .120 (3.0)
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	.136 (3.5) .120 (3.0)
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	.136 (3.5) .120 (3.0)
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	.136 (3.5) .120 (3.0)
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	.162 (4.1) .146 (3.7)
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	.162 (4.1) .146 (3.7)

TABLE II: MATERIAL AND FINISH

SYM	MATERIAL	FINISH DESCRIPTION
M*	Aluminum	Electroless Nickel
MT		Nickel - PTFE
NF		Cadmium, Olive Drab
ZNU		Zinc-Nickel, Black
XM*	Composite	Electroless Nickel
XMT		Nickel - PTFE
XO		No Plating
XW		Cadmium, Olive Drab
XZN		Zinc-Nickel, Black
ZL*	Stainless Steel	Electro-Deposited Nickel
Z1*		Passivate

*RoHS Compliant

NOTES: Jam Nut for composite Jam Nut Mount Receptacle is Aluminum and plated same as connector shell.

"XO" Finish composite Jam Nut Receptacle is supplied with Unplated Composite Jam Nut and accommodates .093 maximum panel thickness.

"XO" finish composite plug connectors are supplied less RFI spring.