



180-122 (08) GHD • Glenair High Density Fiber Optic Connection System D38999 Style Jam Nut Mount Receptacle Connector



GHD Jam nut mount receptacle connector

How To Order

Product Series

180 - 122

Material and Finish (Table I, page C-5)

NF

Shell Size (Table II, page C-5)

08 - 15 - 16

Alternate Key Position per MIL-DTL-38999

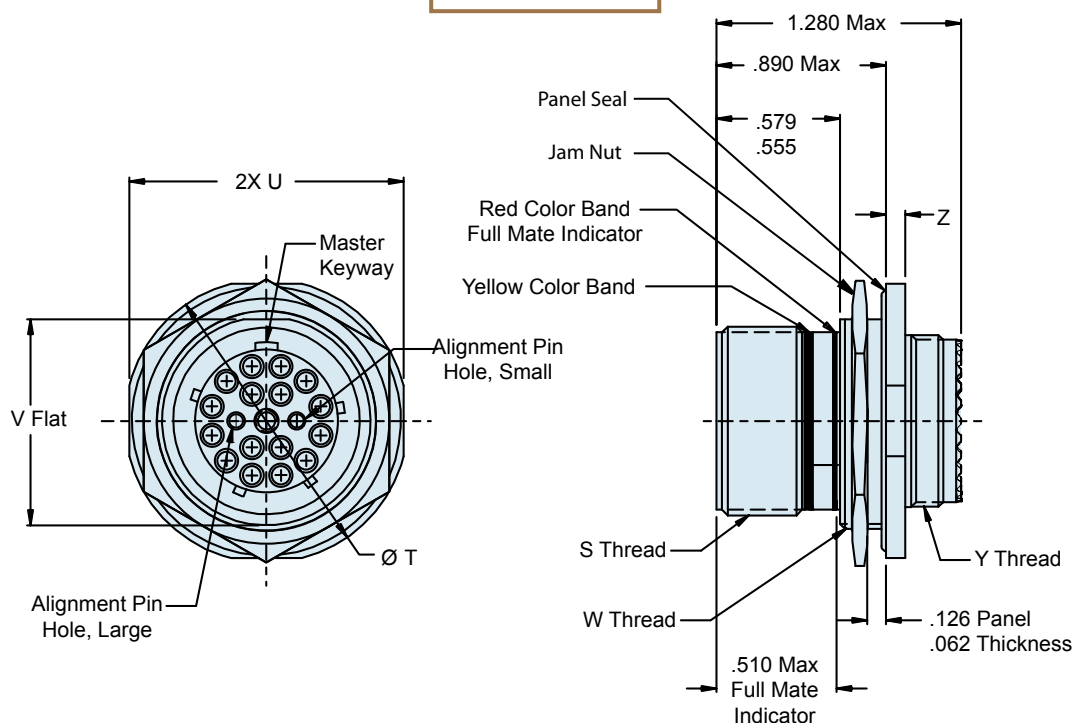
A, B, C, D, or E
N = Normal

N

Basic No.

08 = Jam Nut Receptacle
(Available only in Aluminum or Stainless Steel)

Insert Arrangement (Table II, Page C-5)



08 - JAM NUT MOUNT RECEPTACLE

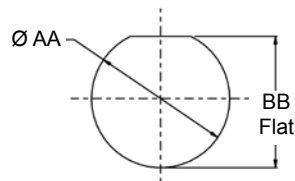
180-122 (08)
GHD • Glenair High Density
Fiber Optic Connection System
D38999 Style Jam Nut Mount Receptacle Connector



Table II: Shell Size

Shell Size Code	Shell Size	S Thread	Ø T	U	V	W Thread	Y Thread	Z	Ø AA Min	BB Flat
B	11	.7500-.1P-.3L-TS-2A	1.386 (35.2) 1.362 (34.6)	1.268 (32.2) 1.236 (31.4)	.755 (19.2) .745 (18.9)	M20 x 1.0-6g 0.100R	M15 x 1.0-6g 0.100R	.121 (3.1) .083 (2.1)	.835 (21.2) .825 (20.9)	.771 (19.6) .761 (19.3)
C	13	.8750-.1P-.3L-TS-2A	1.512 (38.4) 1.488 (37.8)	1.390 (35.3) 1.358 (34.5)	.942 (23.9) .932 (23.7)	M25 x 1.0-6g 0.100R	M18 x 1.0-6g 0.100R	.121 (3.1) .083 (2.1)	1.020 (25.9) 1.010 (25.7)	.955 (24.3) .945 (24.0)
D	15	1.0000-.1P-.3L-TS-2A	1.638 (41.6) 1.614 (41.0)	1.516 (38.5) 1.484 (37.7)	1.066 (27.1) 1.056 (26.8)	M28 x 1.0-6g 0.100R	M22 x 1.0-6g 0.100R	.121 (3.1) .083 (2.1)	1.145 (29.1) 1.135 (28.8)	1.085 (27.6) 1.075 (27.3)
E	17	1.1875-.1P-.3L-TS-2A	1.764 (44.8) 1.740 (44.2)	1.642 (41.7) 1.610 (40.9)	1.191 (30.3) 1.181 (30.0)	M32 x 1.0-6g 0.100R*	M25 x 1.0-6g 0.100R	.121 (3.1) .083 (2.1)	1.270 (32.3) 1.260 (32.0)	1.210 (30.7) 1.200 (30.5)
F	19	1.2500-.1P-.3L-TS-2A	1.949 (49.5) 1.925 (48.9)	1.827 (46.4) 1.795 (45.6)	1.316 (33.4) 1.306 (33.2)	M35 x 1.0-6g 0.100R	M28 x 1.0-6g 0.100R	.154 (3.9) .114 (2.9)	1.395 (35.4) 1.385 (35.2)	1.335 (33.9) 1.325 (33.7)
G	21	1.3750-.1P-.3L-TS-2A	2.075 (52.7) 2.051 (52.1)	1.953 (49.6) 1.921 (48.8)	1.441 (36.6) 1.431 (36.3)	M38 x 1.0-6g 0.100R	M31 x 1.0-6g 0.100R	.154 (3.9) .114 (2.9)	1.520 (38.6) 1.510 (38.4)	1.460 (37.1) 1.450 (36.8)
H	23	1.5000-.1P-.3L-TS-2A	2.201 (55.9) 2.177 (55.3)	2.079 (52.8) 2.047 (52.0)	1.566 (39.8) 1.556 (39.5)	M41 x 1.0-6g 0.100R	M34 x 1.0-6g 0.100R	.154 (3.9) .114 (2.9)	1.645 (41.8) 1.635 (41.5)	1.585 (40.3) 1.575 (40.0)
J	25	1.6250-.1P-.3L-TS-2A	2.323 (59.0) 2.299 (58.4)	2.205 (56.0) 2.173 (55.2)	1.691 (43.0) 1.681 (42.7)	M44 x 1.0-6g 0.100R	M37 x 1.0-6g 0.100R	.154 (3.9) .114 (2.9)	1.770 (45.0) 1.760 (44.7)	1.710 (43.4) 1.700 (43.2)

* Modified major diameter 31.80 - 31.95 (1.252 - 1.257).



RECOMMENDED PANEL CUT-OUT
JAM NUT MOUNT RECEPTACLE
(See Table II)

Material and Finish

Shell, Jam nut: See Table I, Page C-5.

Insert: High grade rigid dielectric, or Al Alloy/Anodize - MFR's option

Jam Nut (for composite): Al Alloy and plated same as connector shell.

Panel Seal: Fluorosilicone

Notes

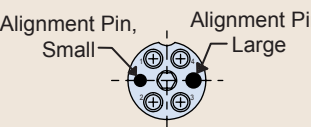
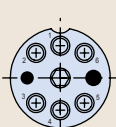
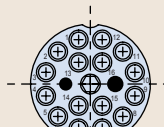
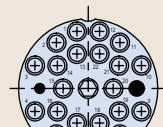
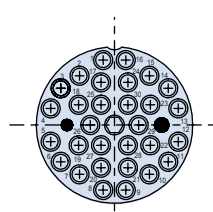
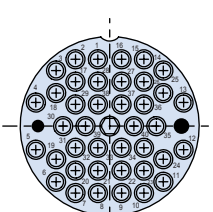
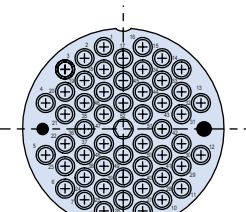
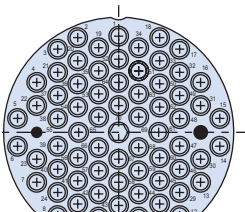
Jam Nut for composite Jam Nut Mount Receptacle is Aluminum and plated same as connector shell.

180-122
**GHD • Glenair High Density
 Fiber Optic Connection System**
 Materials and Finishes • Insert Arrangements



GHD materials and finishes, and insert arrangements

Table I: Material and Finish		
Code	Material	Finish Description
M	Aluminum Alloy	Electroless Nickel
MT		Nickel - PTFE, Grey
NF		Cadmium, Olive Drab
ZNU		Zinc-Nickel, Black Zinc-Nickel, Black
ZR		Zinc-Nickel, Black (RoHS)
XM	Composite	Electroless Nickel
XMT		Nickel - PTFE, Grey
XW		Cadmium, Olive Drab
XZN		Zinc-Nickel, Black
ZL	Stainless Steel	Electro-Deposited Nickel
ZI		Passivate

Table II: Insert arrangements				
 Alignment Pin, Small Alignment Pin, Large Shell Size 11 Arrangement 4	 Shell Size 13 Arrangement 6	 Shell Size 15 Arrangement 16	 -Shell Size 17 Arrangement 22	
 Shell Size 19 Arrangement 30	 Shell Size 21 Arrangement 40	 Shell Size 23 Arrangement 52	 Shell Size 25 Arrangement 70	
Plug face marking with removable alignment sleeve retainer (ASR) shown. Receptacle face - opposite. ASR includes two guide pins and a threaded center jackscrew.				