

319-134

Composite EMI/RFI Ultra Low-Profile Shield Sock with Shrink Boot Porch and Self Locking Rotatable Coupling

A

CONNECTOR DESIGNATOR:

F MIL-DTL-38999 Series I, II
H MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE COUPLING

STANDARD PROFILE

Product Series
319 - EMI/RFI
 Shield Sock
 Assemblies

Angle and Profile
S - Straight
T - 45° Elbow
W - 90° Elbow

Finish Symbol
 (Table III)

Cable Entry
 (Table V)

Braid Option
 (Omit for Standard)
 (Table IV)

Custom Braid Length
 Specify In Inches
 (Omit for Std. 12" Length)

Shrink Boot
 For S and B
 Angle Only
 (Omit for None)

Connector Designator
F and H

Basic Part Number

Connector Dash Number
 (Table II)

Drain Hole Option
 (Omit for None)

Split Ring Band Option
 Split Ring (687-749)
 and Band
 (600-057-1) supplied
 with **R** option
 (Omit for none)

319

F

S

134

XO

16

04

O

B

R

S

14

Anti-Decoupling Device

Shrink Sleeve or Boot Groove

.962 Max

12.00 Min Standard Shield Length. See Part Number Development for Optional Length

Optional Ø .125 Drain Holes 3 Minimum, Equally Spaced

Standard Shield IAW 107-030 Nickel/Copper See Table III for Optional Material

Optional Ø .125 Drain Holes 3 Minimum, Equally Spaced

Raised Configuration Manufacturers Option

Shrink Sleeve or Boot Lip

G

.065

.025

.07

H

K

J

600-057-1 Band

Accommodates 600-057-1 Micro Band

TABLE II: SHELL SIZE (Continued Below)

Connector Designator F					Connector Designator H				
Dash No.	Shell Size	A Thread Class 2A	B Dia Max	L Max	Dash No.	Shell Size	A Thread ISO metric	B Dia Max	L Max
08	08	7/16-28 UNEF	.59 (15.0)	.274 (7.0)	09	09 (A)	M12 x 1.0 - 6H	.65 (16.5)	.264 (6.7)
10	10	9/16-24 UNEF	.72 (18.3)	.412 (10.5)	11	11 (B)	M15 x 1.0 - 6H	.77 (19.6)	.390 (9.9)
12	12	11/16-24 UNEF	.84 (21.3)	.526 (13.4)	13	13 (C)	M18 x 1.0 - 6H	.89 (22.6)	.504 (12.8)
15	15	13/16-20 UNEF	.97 (24.6)	.651 (16.5)	15	15 (D)	M22 x 1.0 - 6H	1.03 (26.2)	.630 (16.0)
16	16	15/16-20 UNEF	1.09 (27.7)	.776 (19.7)	17	17 (E)	M25 x 1.0 - 6H	1.15 (29.2)	.756 (19.2)
18	18	1 1/16-18 UNEF	1.22 (31.0)	.872 (22.1)	19	19 (F)	M28 x 1.0 - 6H	1.28 (32.5)	.843 (21.4)
20	20	1 3/16-18 UNEF	1.34 (34.0)	1.007 (25.6)	21	21 (G)	M31 x 1.0 - 6H	1.41 (35.8)	.969 (24.6)
22	22	1 5/16-18 UNEF	.47 (37.3)	1.132 (28.8)	23	23 (H)	M34 x 1.0 - 6H	1.53 (38.9)	1.091 (27.7)
24	24	1 7/16-18 UNEF	1.59 (40.4)	1.257 (31.9)	25	25 (J)	M37 x 1.0 - 6H	1.66 (42.2)	1.217 (30.9)

TABLE II: SHELL SIZE (Continued From Above)

Connector Designator F		Connector Designator H		C Max	D Flats Max	E ± .06 (1.5)	F ± .09 (2.3)	G Max	H ± .03 (0.8)	J	K	Available Entry Code See Table V and Note 4
Dash No.	Shell Size	Dash No.	Shell Size									
08	08	09	09 (A)	.86 (21.8)	.75 (19.1)	.72 (18.3)	.87 (22.1)	.63 (16.0)	1.042 (26.5)	.304 (7.7)	.160 (4.1)	04
10	10	11	11 (B)	.98 (24.9)	.88 (22.2)	.75 (19.1)	.93 (23.6)	.66 (16.8)	1.107 (28.1)	.432 (11.0)	.174 (4.4)	05
12	12	13	13 (C)	1.16 (29.4)	1.00 (25.4)	.75 (19.1)	1.00 (25.4)	.72 (18.3)	1.174 (29.8)	.546 (13.9)	.195 (5.0)	07
15	15	15	15 (D)	1.28 (32.5)	1.13 (28.6)	.76 (19.3)	1.03 (26.2)	.83 (21.1)	1.241 (31.5)	.670 (17.0)	.315 (8.0)	09
16	16	17	17 (E)	1.41 (35.7)	1.25 (31.8)	.78 (19.8)	1.05 (26.7)	.91 (23.1)	1.305 (33.1)	.796 (20.2)	.385 (9.8)	05, 11
18	18	19	19 (F)	1.52 (38.5)	1.38 (39.9)	.79 (20.1)	1.06 (26.9)	.93 (23.6)	1.371 (34.8)	.902 (22.9)	.445 (11.3)	07, 13
20	20	21	21 (G)	1.64 (41.7)	1.50 (38.1)	.82 (20.8)	1.09 (27.7)	1.04 (26.4)	1.438 (36.5)	1.027 (26.1)	.525 (13.3)	09, 15
22	22	23	23 (H)	1.77 (44.9)	1.63 (41.3)	.86 (21.8)	1.13 (28.7)	1.12 (28.4)	1.505 (38.2)	1.152 (29.3)	.595 (15.1)	11, 16
24	24	25	25 (J)	1.89 (48.0)	1.75 (44.5)	.89 (22.6)	1.16 (29.5)	1.18 (30.0)	1.572 (39.9)	1.276 (32.4)	.655 (16.6)	07, 13, 17

TABLE III: FINISH

Symbol	Finish Description
XM	2000 Hour Corrosion Resistant Electroless Nickel
XMT	2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™
XW	2000 Hour Corrosion Resistant Cadmium Olive Drab Over Electroless Nickel

TABLE IV: BRAID TYPE

Symbol	Braid Type
A	100% AmberStrand®
B	75%/25% AmberStrand® Blend
L	100% ArmorLite™
Standard	Nickel/Copper 34awg
T	Tin/Copper 34awg

TABLE V: CABLE ENTRY

Dash Number	D ± .03
04	.25 (6.4)
05	.31 (7.9)
07	.44 (11.2)
09	.56 (14.2)
11	.68 (17.3)
13	.81 (20.6)
15	.94 (23.9)
16	1.00 (25.4)
17	1.16 (29.5)

NOTES

- Assembly identified with manufacturer's name and part number, space permitting.
- Glenair Series 600 Backshell Assembly Tools are recommended for assembly and installation.
- 700-001S**-0 shrink boot supplied with S option. For S and T configurations only.
- Entry codes are applicable for S and T configurations only.
- Material/Finish:
Clamp Body - High grade engineering thermoplastic/Table III.
Coupling Nut - High grade engineering thermoplastic/Unplated.
Anti-Rotation De vice - Corrosion resistant material.
Shield - See part number development.