

319-138 "Wide Mouth" Composite Swing-Arm Strain Relief with Shield Sock and Self-Locking Rotatable Coupling

CONNECTOR DESIGNATOR:

A	MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F	MIL-DTL-38999 Series I, II
H	MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE COUPLING

LOW PROFILE

Product Series
319 - EMI/RFI Shield
Sock Assemblies

Finish Symbol
(See Table III)

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

Connector Designator
A, F, and H

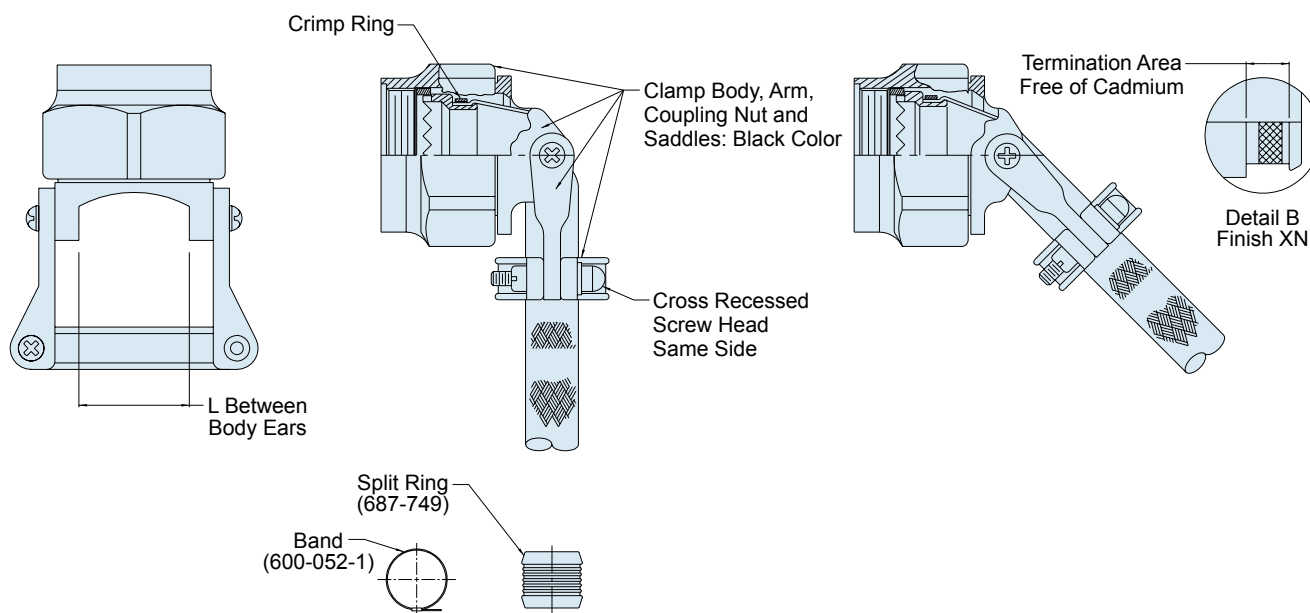
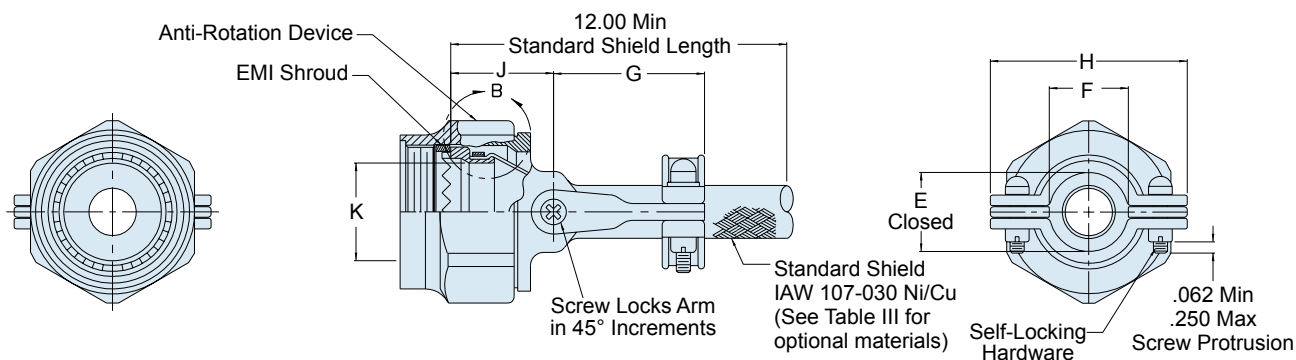
Optional Braid Material
B - See Table IV for Options
(Omit for Std. Nickel/Copper)

319 H 138 XO 15 B R 8

**Basic Part
Number**

**Connector
Shell Size**
(See Table II)

Split Ring / Band Option
Split Ring (687-749) and Band
(600-052-1) supplied with **R** option
(Omit for none)



319-138

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Composite
Backshells

TABLE II: SHELL SIZE

Shell Size		E ± .031	F Min	G Max ± .06	H ± .060	J Max	L Max	K Diameter		
A, F	H							A Code	F Code	H Code
08	09	.350 (8.9)	.350 (8.9)	1.045 (26.5)	.936 (23.8)	.94 (23.9)	.393 (10.0)	.265 (6.7)	.275 (7.0)	.264 (6.7)
10	11	.436 (11.1)	.455 (11.6)	1.045 (26.5)	1.172 (29.8)	.97 (24.6)	.455 (11.6)	.370 (9.4)	.412 (10.5)	.390 (9.9)
12	13	.636 (16.2)	.640 (16.3)	1.170 (29.7)	1.406 (35.7)	1.03 (26.2)	.598 (15.2)	.506 (12.9)	.526 (13.4)	.504 (12.8)
14	15	.706 (17.9)	.710 (18.0)	1.170 (29.7)	1.500 (38.1)	1.09 (27.7)	.710 (18.0)	.580 (14.7)	.651 (16.5)	.630 (16.0)
16	17	.790 (20.1)	.835 (21.2)	1.295 (32.9)	1.562 (39.7)	1.12 (28.4)	.839 (21.3)	.705 (17.9)	.776 (19.7)	.756 (19.2)
18	19	.872 (22.1)	.922 (23.4)	1.295 (32.9)	1.687 (42.8)	1.15 (29.2)	.934 (23.7)	.784 (19.9)	.872 (22.1)	.843 (21.4)
20	21	.996 (25.3)	1.008 (25.6)	1.467 (39.5)	1.969 (50.0)	1.18 (30.0)	1.068 (27.1)	.909 (23.1)	1.007 (25.6)	.969 (24.6)
22	23	1.060 (26.9)	1.197 (30.4)	1.467 (39.5)	2.094 (53.2)	1.25 (31.8)	1.197 (30.4)	1.034 (1.034)	1.132 (28.8)	1.091 (27.7)
24	25	1.123 (28.5)	1.323 (33.6)	1.461 (37.1)	2.281 (57.9)	1.28 (32.5)	1.323 (33.6)	1.149 (29.2)	1.257 (31.9)	1.217 (30.9)

A

TABLE III: FINISH

Symbol	Finish
XB	Composite Material—No Plating, Color Black, Brass Interface Shroud and Adapter—Nickel Plated
XMT	2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™
XN	Composite Material—No Plating, Color Black and Brown, Brass Interface Shroud and Adapter—Selectively Cadmium Plated (See Detail B)

TABLE IV: BRAID TYPE

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

NOTES

- See Table I in Intro for front-end dimensional details.
- See composite thermoplastic shield sock assembly procedure for detailed installation instructions.
- Coupling nut supplied unplated.