

319-137

Composite Shield Sock Strain Relief with 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

Angle and Profile

S - Straight
A - 90°
B - 45°

319



S

137



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B



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Connector Designator

**Basic Part
Number**

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

Optional Braid Material

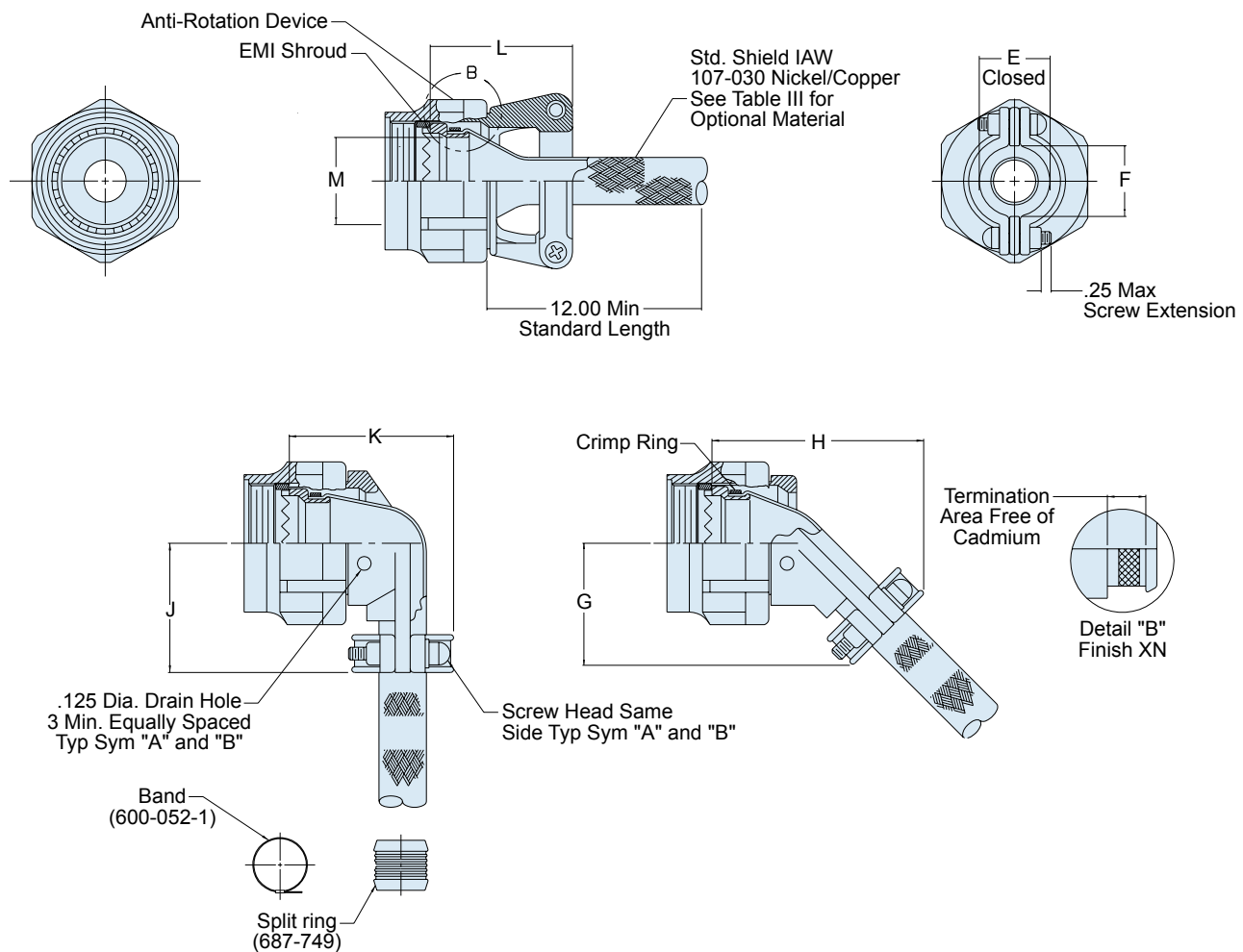
B - See Table IV for Options
(Omit for Std. Nickel/Copper)

Custom Braid Length

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

Split Ring / Band Option

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



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TABLE II: SHELL SIZE

Shell Size		E ± .031	F Min	G Max	H Max
A, F	H				
08	09	.265 (6.7)	.22 (5.6)	.901 (22.9)	1.388 (35.3)
10	11	.310 (7.9)	.27 (6.9)	.964 (24.5)	1.428 (36.3)
12	13	.390 (9.9)	.35 (8.9)	1.050 (26.7)	1.498 (38.0)
14	15	.506 (12.9)	.47 (11.9)	1.112 (28.2)	1.548 (39.3)
16	17	.591 (15.0)	.55 (14.0)	1.175 (29.8)	1.648 (41.9)
18	19	.661 (16.8)	.62 (15.7)	1.230 (31.2)	1.768 (44.9)
20	21	.744 (18.9)	.70 (17.8)	1.293 (32.8)	1.808 (45.9)
22	23	.826 (21.0)	.78 (19.8)	1.365 (34.7)	1.858 (47.2)
24	25	.896 (22.8)	.85 (21.6)	1.417 (36.0)	1.898 (48.2)

TABLE II: SHELL SIZE (CONTINUED)

Shell Size		J Max	K Max	L Max	K Diameter		
A, F	H				A Code	F Code	H Code
08	09	.91 (23.1)	1.128 (28.7)	.939 (23.9)	.265 (6.7)	.275 (7.0)	.264 (6.7)
10	11	.97 (24.6)	1.168 (29.7)	1.059 (26.9)	.370 (9.4)	.412 (10.5)	.390 (9.9)
12	13	1.06 (26.9)	1.248 (31.7)	1.199 (30.5)	.506 (12.9)	.526 (13.4)	.504 (12.8)
14	15	1.16 (29.5)	1.368 (34.7)	1.199 (30.5)	.580 (14.7)	.651 (16.5)	.630 (16.0)
16	17	1.34 (34.0)	1.448 (36.8)	1.329 (33.8)	.705 (17.9)	.776 (19.7)	.756 (19.2)
18	19	1.41 (35.8)	1.528 (38.8)	1.509 (38.3)	.784 (19.9)	.872 (22.1)	.843 (21.4)
20	21	1.53 (38.9)	1.648 (41.9)	1.609 (40.9)	.909 (23.1)	1.007 (25.6)	.969 (24.6)
22	23	1.66 (42.2)	1.688 (42.9)	1.759 (44.7)	1.034 (1.034)	1.132 (28.8)	1.091 (27.7)
24	25	1.78 (45.2)	1.758 (44.7)	1.859 (47.2)	1.149 (29.2)	1.257 (31.9)	1.217 (30.9)

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. <i>1000 Hour Grey™</i>
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
<i>Standard</i>	Nickel/Copper 34awg
T	Tin/Copper 34awg

NOTES

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