

319-064

Composite Swing-Arm Backshell 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

Finish Symbol

(See Table III)

Product Series

319 - EMI/RFI Shield
Sock Assemblies

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

H

064

XO

15

B

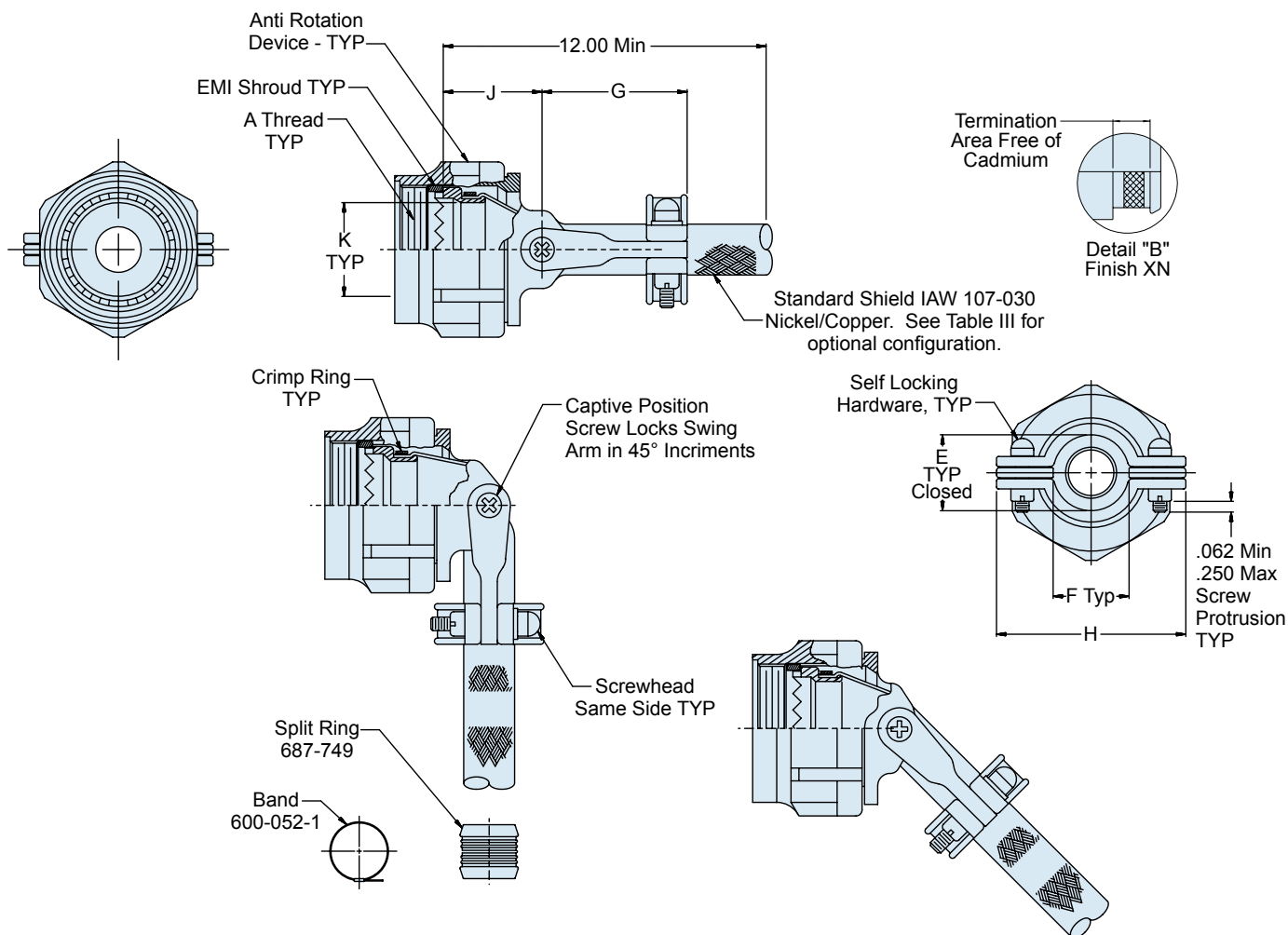
R

14

Connector Designator
A, F, and H

Optional Braid
Material
Omit for Standard
(See Table IV)

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



319-064 Composite Swing-Arm Backshell with Shield Sock and Self-Locking Rotatable Coupling



Composite
Backshells

A

TABLE II: SHELL SIZE

Shell Size		E ± .031	F Min.	G Max.	H Max.	J ± .06	K Min. (H Code)	K Min. (A Code)	K Min. (F Code)
A, F	H								
08	09	.265 (6.7)	.22 (5.6)	1.06 (26.9)	.98 (24.9)	.94 (23.9)	.264 (6.7)	.265 (6.7)	.275 (7.0)
10	11	.310 (7.9)	.27 (6.9)	1.09 (27.7)	1.05 (26.7)	.97 (24.6)	.390 (9.9)	.370 (9.4)	.412 (10.5)
12	13	.390 (9.9)	.35 (8.9)	1.18 (30.0)	1.20 (30.5)	1.03 (26.2)	.504 (12.8)	.506 (12.9)	.526 (13.4)
14	15	.506 (12.9)	.47 (11.9)	1.24 (31.5)	1.30 (33.0)	1.09 (27.7)	.630 (16.0)	.580 (14.7)	.657 (16.7)
16	17	.591 (15.0)	.55 (14.0)	1.32 (33.5)	1.44 (36.6)	1.12 (28.4)	.756 (19.2)	.705 (17.9)	.776 (19.7)
18	19	.661 (16.8)	.62 (15.7)	1.39 (35.3)	1.56 (39.6)	1.15 (29.2)	.843 (21.4)	.784 (19.9)	.872 (22.1)
20	21	.744 (18.9)	.70 (17.8)	1.49 (37.8)	1.69 (42.9)	1.18 (30.0)	.969 (24.6)	.909 (23.1)	1.007 (25.6)
22	23	.826 (21.0)	.78 (19.8)	1.55 (39.4)	1.77 (45.0)	1.25 (31.8)	1.091 (27.7)	1.034 (26.3)	1.132 (28.8)
24	25	.896 (22.8)	.85 (21.6)	1.61 (40.9)	1.89 (48.0)	1.28 (32.5)	1.217 (30.9)	1.149 (29.2)	1.257 (31.9)

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)
XO	Composite Material—No Plating, Color Black and Brown, Brass Interface Shroud and Adapter—Nickel Plated

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.
- Code F is for series I connectors only.
Use mod code -475 for series III connector (connector less shroud)
- Coupling nut supplied unplated.