

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, for Series II See Note 3
H	MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE COUPLING

Finish Symbol

(See Table III)

Product Series

319 - EMI/RFI Shield
Sock AssembliesBasic Part
NumberConnector
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

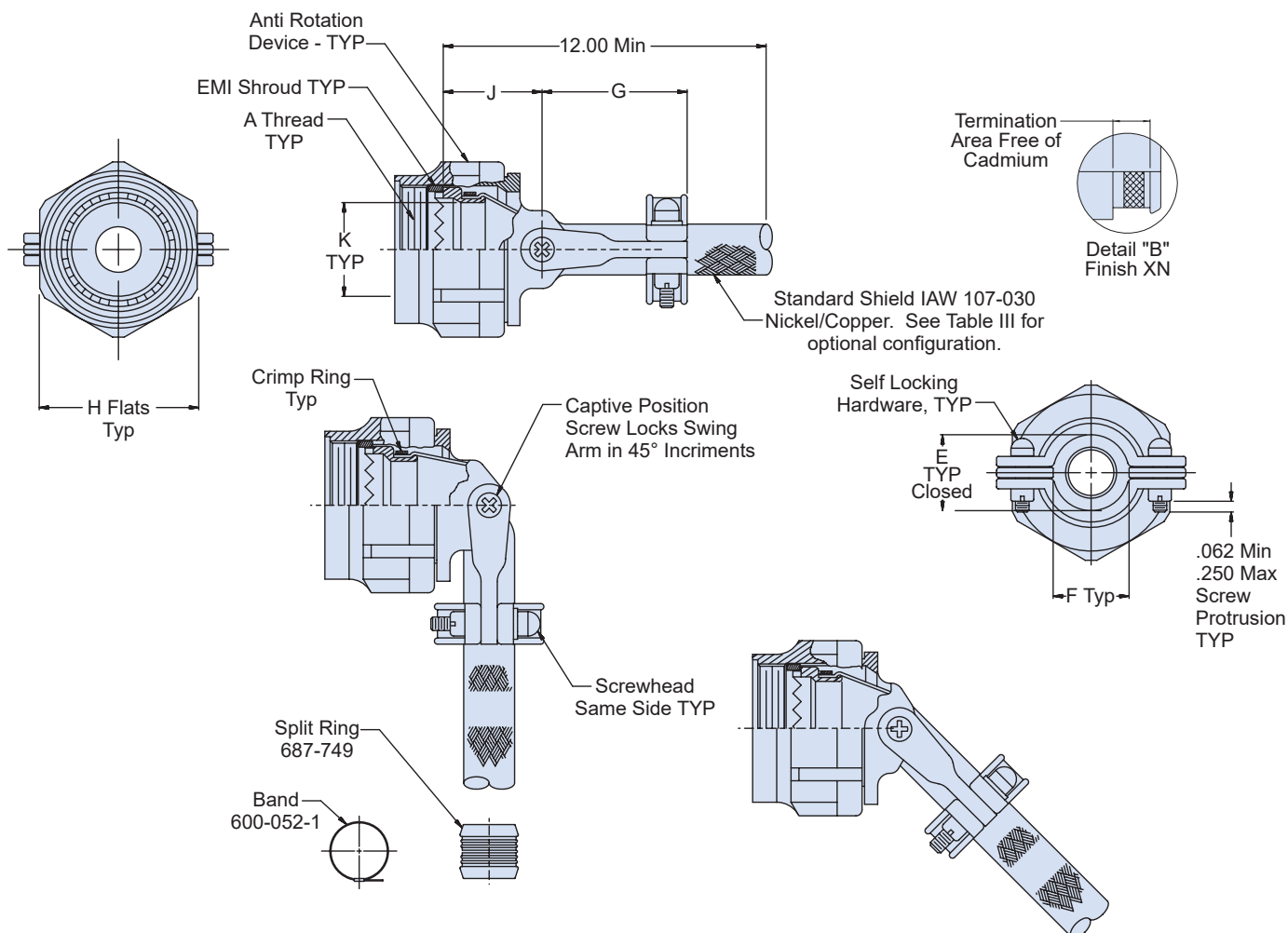
XO

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)

U.S. PATENT NO. 6419519

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



Composite
Backshells

A

TABLE II: SHELL SIZE

Shell Size		E	F Min.	G Max.	H		J ± .06	K Min. (H Code)	K Min. (A Code)	K Min. (F Code)
A, F	H				Max.	Min.				
08	09	.265 (6.7)	.22 (5.6)	1.06 (26.9)	.750 (19.05)	.736 (18.69)	.94 (23.9)	.264 (6.7)	.265 (6.7)	.269 ±.005 (6.8 ±.02)
10	11	.310 (7.9)	.27 (6.9)	1.09 (27.7)	.875 (22.2)	.860 (21.84)	.97 (24.6)	.390 (9.9)	.370 (9.4)	.402 ±.010 (10.2 ±.25)
12	13	.422 (10.7)	.35 (8.9)	1.18 (30.0)	1.000 (25.4)	.980 (24.89)	1.03 (26.2)	.504 (12.8)	.506 (12.9)	.516 ±.010 (13.1 ±.25)
14	15	.538 (12.9)	.47 (11.9)	1.24 (31.5)	1.125 (28.6)	1.100 (27.94)	1.09 (27.7)	.630 (16.0)	.580 (14.7)	.641 ±.010 (16.3 ±.25)
16	17	.591 (15.0)	.55 (14.0)	1.32 (33.5)	1.250 (31.8)	1.224 (31.09)	1.12 (28.4)	.756 (19.2)	.705 (17.9)	.766 ±.010 (19.5 ±.25)
18	19	.661 (16.8)	.62 (15.7)	1.39 (35.3)	1.375 (34.9)	1.348 (34.24)	1.15 (29.2)	.843 (21.4)	.784 (19.9)	.853 ±.019 (19.5 ±.48)
20	21	.744 (18.9)	.70 (17.8)	1.49 (37.8)	1.500 (38.1)	1.469 (37.31)	1.18 (30.0)	.969 (24.6)	.909 (23.1)	.988 ±.019 (25.1 ±.48)
22	23	.826 (21.0)	.78 (19.8)	1.55 (39.4)	1.625 (41.3)	1.581 (40.16)	1.25 (31.8)	1.091 (27.7)	1.034 (26.3)	1.113 ±.019 (28.3 ±.48)
24	25	.896 (22.8)	.85 (21.6)	1.61 (40.9)	1.725 (43.8)	1.690 (42.93)	1.28 (32.5)	1.217 (30.9)	1.149 (29.2)	1.238 ±.019 (31.5 ±.25)

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)
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
L	100% ArmorLite™
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.
- Add mod code -475 to end of part number for use with Series II connectors. Backshell to be supplied less shroud.
- Coupling nut supplied unplated.