

Composite Swing-Arm Strain Relief Backshell

THE SILVER

BULLET

**With Self-Locking Rotatable Coupling and a Choice
of Integrated Nickel/Copper or AmberStrand®
Composite EMI/RFI Shield Socks**

*Quickly Adjusts
and Locks in
Three Positions!*



**Save Money and Reduce Unnecessary
Inventory with this Three-in-One Part!**

Glenair's patented composite Swing Arm strain relief backshell provides lightweight and corrosion free termination of EMI/RFI cable shielding. This one-of-a-kind backshell is quickly becoming the standard shield termination device for both military and commercial aerospace applications. Made from high-temperature composite thermoplastic, these rugged assemblies offer easy installation, long term performance, and outstanding weight and cost reduction. Performance tested to stringent AS85049 mechanical and electrical standards, Glenair's composite Swing Arm strain reliefs are in stock and ready for immediate shipment. U.S. Patent No. 6419519.



Glenair, Inc. Worldwide Headquarters

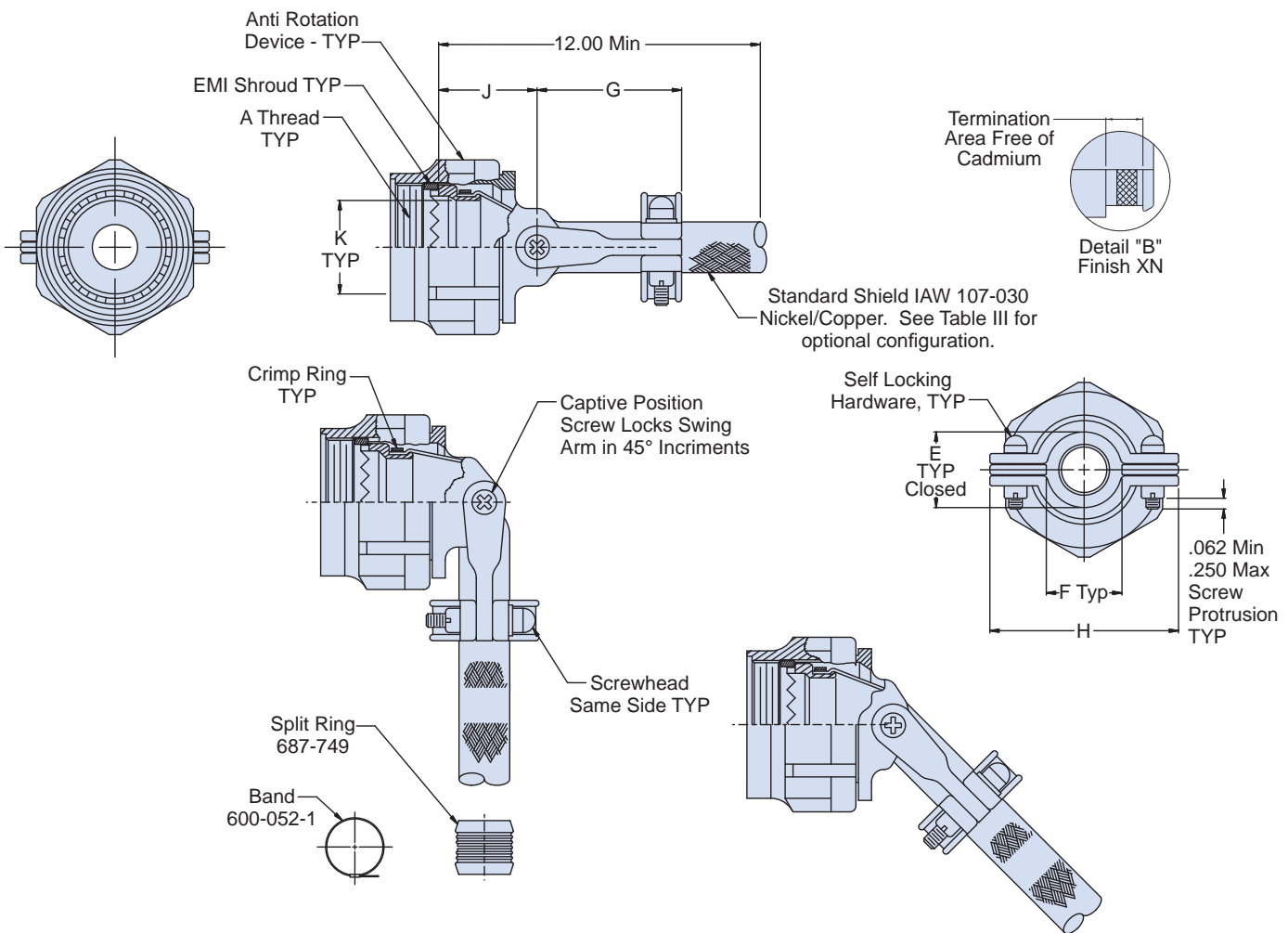
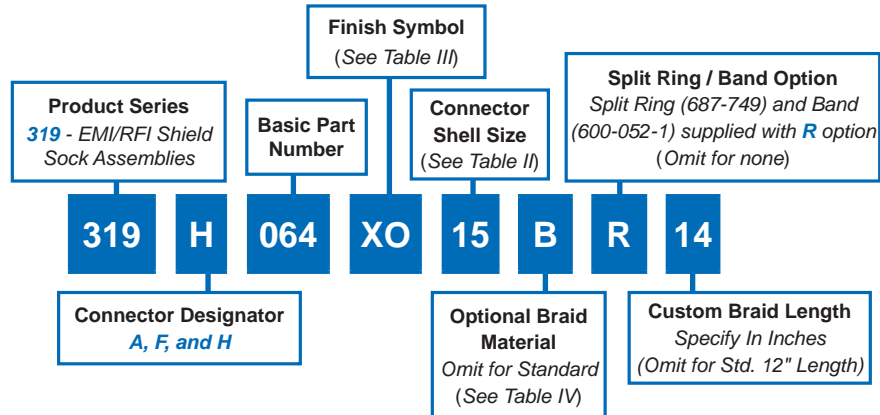
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Self-Locking Rotatable Coupling

Composite Three-in-One Swing-Arm Strain Relief

with Nickel/Copper or AmberStrand® EMI/RFI Shield Sock & Optional Split Ring

CONNECTOR DESIGNATOR:	
A	MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F	MIL-DTL-38999 Series I, II (see note 3)
H	MIL-DTL-38999 Series III and IV
SELF-LOCKING	
ROTATABLE COUPLING	



Metric dimensions (mm) are in parentheses and are for reference only.

Self-Locking Rotatable Coupling Composite Three-in-One Swing-Arm Strain Relief with Nickel/Copper or AmberStrand® EMI/RFI Shield Sock & Optional Split Ring

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
<i>Standard</i>	Nickel/Copper 34awg
T	Tin/Copper 34awg

NOTES

1. See Table I in Intro for front-end dimensional details.
2. See composite thermoplastic shield sock assembly procedure for detailed installation instructions.
3. Add mod code -475 to end of part number for use with Series II connectors. Backshell to be supplied less shroud.
4. Coupling nut supplied unplated.

Metric dimensions (mm) are in parentheses and are for reference only.