



319-064 Composite Self-Locking Rotatable Coupling Swing-Arm Strain Relief with Nickel/Copper EMI/RFI Shield Sock & Optional Split Ring

CONNECTOR DESIGNATOR

MIL-DTL-38999 Series I, II (F)

(for Series II see note 6)

MIL-DTL-38999 Series III and IV (H)

F-H

SELF-LOCKING

**ROTATABLE
COUPLING**

Product Series

319

F

Basic Number

064

XO

Shell Size

16

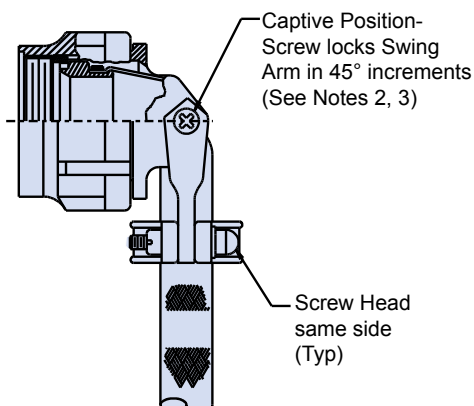
R

Connector Designator
(F and H)

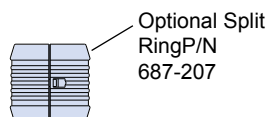
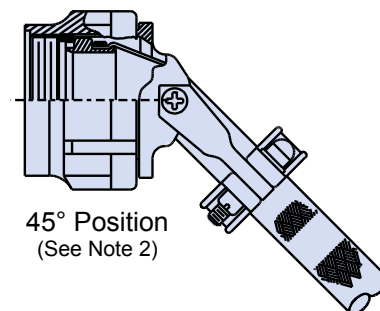
Finish

**R = Split Ring (687-207) &
Band (600-052) supplied
(Omit if not required)**

90° Position



45° Position
(See Note 2)

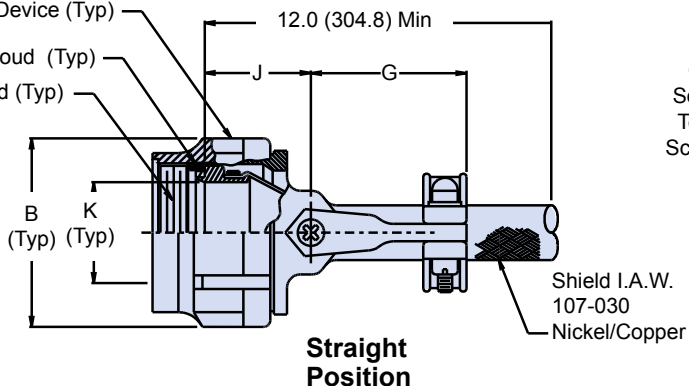
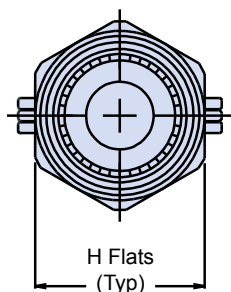


U.S. PATENT NO. 6419519

Anti-Rotation Device (Typ)

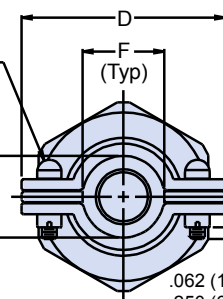
EMI Shroud (Typ)

A Thread (Typ)



Captivated
Self-Locking
Telescoping
Screws (Typ)

E (Typ)
Closed



319-064
Composite Self-Locking Rotatable Coupling
Composite Swing-Arm Strain Relief with
Nickel/Copper EMI/RFI Shield Sock & Optional Split Ring



TABLE II: FINISHES

Symbol	Finish
XB	Composite Material, No Plating, Color Black, Brass Interface Shroud and Adapter - Nickel Plated
XMT	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Ni-PTFE 1000 Hour Grey™ (Nickel-Fluorocarbon Polymer)
XN	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Selectively Cadmium Plated
XO	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Nickel Plated

TABLE III: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size for Connector Designator F H		B Dia Max	D Max	E ±.06 (1.5)	F Min	G Max	H Flats Max Min		J ±.06 (1.5)	K Ref
08	09	.812 (20.6)	.980 (24.9)	.265 (6.7)	.220 (5.9)	1.060 (26.9)	.750 (19.1)	.736 (18.7)	.940 (23.9)	.265 (6.7)
10	11	.938 (23.8)	1.050 (26.7)	.310 (7.9)	.270 (6.9)	1.090 (27.7)	.875 (22.2)	.860 (21.8)	.970 (24.6)	.370 (9.4)
12	13	1.125 (28.6)	1.200 (30.5)	.390 (9.9)	.350 (8.9)	1.180 (30.0)	1.000 (25.4)	.980 (24.9)	1.030 (26.2)	.506 (12.9)
14	15	1.250 (31.8)	1.300 (33.0)	.506 (12.9)	.470 (11.9)	1.240 (31.5)	1.125 (28.6)	1.100 (27.9)	1.090 (27.7)	.580 (14.7)
16	17	1.375 (34.9)	1.440 (36.6)	.591 (15.0)	.550 (14.0)	1.320 (33.5)	1.250 (31.8)	1.224 (31.1)	1.120 (28.4)	.705 (17.9)
18	19	1.500 (38.1)	1.560 (39.6)	.661 (16.8)	.620 (15.7)	1.390 (35.3)	1.375 (34.9)	1.469 (37.3)	1.150 (29.2)	.784 (19.9)
20	21	1.625 (41.3)	1.690 (42.9)	.744 (18.9)	.700 (17.8)	1.550 (39.4)	1.500 (38.1)	1.500 (38.1)	1.180 (30.0)	.909 (23.1)
22	23	1.750 (44.5)	1.770 (45.0)	.826 (21.0)	.780 (19.8)	1.550 (39.4)	1.625 (41.3)	1.581 (40.2)	1.250 (31.8)	1.034 (26.3)
24	25	1.875 (47.6)	1.890 (48.0)	.896 (22.8)	.850 (21.6)	1.610 (40.9)	1.750 (44.5)	1.960 (49.8)	1.280 (32.5)	1.149 (29.2)

Consult factory for additional entry sizes available.

APPLICATION NOTES

- Glenair series 600 Backshell assembly Tools are recommended for assembly and installation.
- Swing Arm locks in 45° increments—Sizes 08 thru 24, additional positioning increments are manufacturer's option.
- Captive Screw can remain engaged to the body when positioning the Arm. When tightened, the Screw shall not protrude into the inside surfaces.
- Fits Connector Designators: MIL-DTL-38999 Series I, II (F), MIL-DTL-38999 Series III and IV (H), MIL-DTL-5015 (A), and MIL-DTL-26482 (A).
- Metric dimensions (mm) are indicated in parentheses.
- For Mil-DTL-38999 Series II, add Mod Code -475. Backshell supplied less shroud.

Mouser Electronics

Authorized Distributor

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Glenair:

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[319H064XO09R](#) [319H064XO13R](#) [319H064XO17R](#) [319H064XO21R](#) [319H064XO23R](#) [319A064XO12](#) [319A064XO14](#)
[319A064XO14R](#) [319F064XO10](#) [319F064XO14](#) [319F064XO16](#) [319F064XO20](#) [319F064XO22](#) [319H064XN13R](#)
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[319F064XO12-475](#) [319F064XO14-475](#) [319H064XN25R](#) [319H064XB13R](#) [319F064XO24-475](#) [319F064XO10-475](#)
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