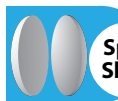




470-019

StarShield™ EMI/RFI Split Termination Backshell for MIL-DTL-38999 Series III and IV Connectors

Non
EnvironmentalStandard
LengthHigh
Ferrule CountSplit
ShellSelf
Locking

StarShield™ split shell, high ferrule count backshell with self-locking coupling

Product Series
470 -
StarShield™

**Angular
Function**
E - 90°
F - 45°
S - Straight

Finish Code
(See Table II)

Dash Number
(See Table III)

Drilled Star
DS - Drilled Star - Optional
(Omit if Not Required)
(See Note 4)

470

H

E

019

NF

19

24

- 12

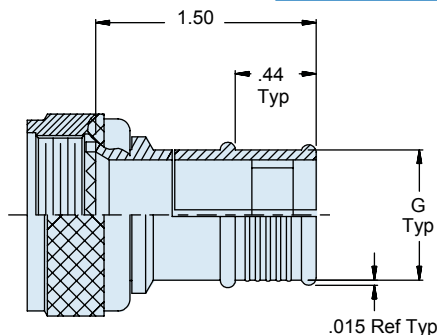
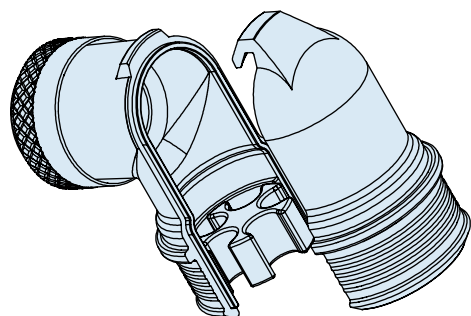
DS

Connector Designator
H - MIL-DTL-38999
Series III and IV

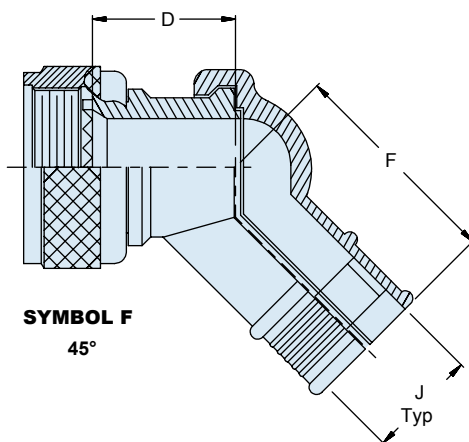
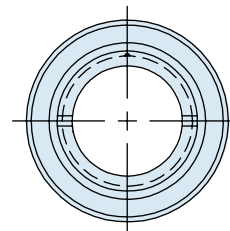
**Basic
Number**

Shell Size
(See Table I)

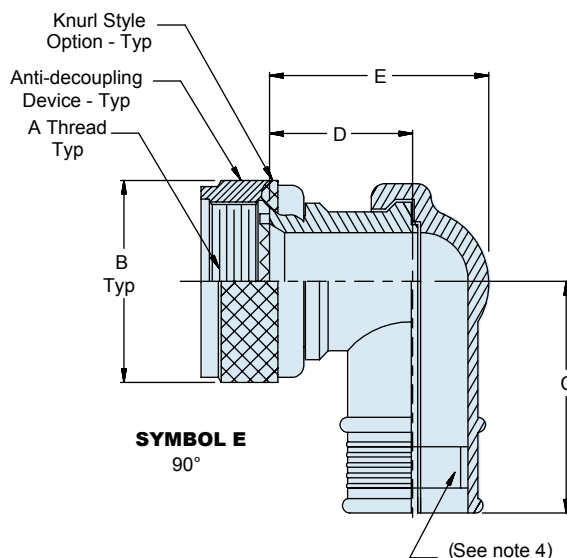
**Ferrule
Quantity**
(See Table III)



SYMBOL S
Straight



SYMBOL F
45°



SYMBOL E
90°

Dimensions in inches (millimeters) and are subject to change without notice.

© 2012 Glenair, Inc.

StarShield™ Zero Length Shield Termination Catalog

CAGE Code 06324

Printed in U.S.A.

GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912

www.glenair.com

B-18

E-Mail: sales@glenair.com

470-019
StarShield™ EMI/RFI Split Termination Backshell
for MIL-DTL-38999 Series III and IV Connectors



Table I: Dimensions							
Shell Size	A Thread ISO Metric	B Max	C Max	D Max	E Max	F Max	Max Entry
09	M12 X 1.0 - 6H	.940 (23.9)	1.995 (50.7)	1.030 (26.2)	1.339 (34.0)	1.405 (35.7)	14
11	M15 X 1.0 - 6H	1.060 (26.9)	2.055 (52.2)	1.100 (27.9)	1.465 (37.2)	1.435 (36.4)	14
13	M18 X 1.0 - 6H	1.170 (29.7)	2.125 (54.0)	1.160 (29.5)	1.589 (40.4)	1.465 (37.2)	18
15	M22 X 1.0 - 6H	1.290 (32.8)	2.185 (55.5)	1.220 (31.0)	1.715 (43.6)	1.485 (37.7)	24
17	M25 X 1.0 - 6H	1.420 (36.1)	2.245 (57.0)	1.310 (33.3)	1.901 (48.3)	1.515 (38.5)	24
19	M28 X 1.0 - 6H	1.540 (39.1)	2.265 (57.5)	1.370 (34.8)	2.025 (51.4)	1.535 (39.0)	24
21	M31 X 1.0 - 6H	1.670 (42.4)	2.405 (61.1)	1.370 (34.8)	2.025 (51.4)	1.565 (39.8)	28
23	M34 X 1.0 - 6H	2.010 (51.1)	2.435 (61.8)	1.440 (36.6)	2.152 (54.7)	1.595 (40.5)	28
25	M37 X 1.0 - 6H	2.120 (53.8)	2.495 (63.4)	1.560 (39.6)	2.403 (61.0)	1.615 (41.0)	32

Table II: Material and Finish Options	
Code	Material; Finish Description
M	Aluminum; electroless nickel
MT	Aluminum; nickel - PTFE
NF	Aluminum; CAD/O. D. over electroless nickel
ZN	Aluminum; zinc nickel/O. D. over electroless nickel
ZR	Aluminum; zinc nickel/black over electroless nickel (RoHS)
ZRC	Aluminum; zinc nickel over electroless nickel (RoHS)
Z1	Stainless steel; passivate
ZM	Stainless steel; electroless nickel

Table III: Ferrule Options					
Dash No.	G Ref	J Ref	Ferrule Quantity (See Note 4)		
			Std.	DS	Opt.
10	.630 (16.0)	.470 (11.9)	2	-	-
14	.870 (22.1)	.710 (18.0)	5	5	-
18	1.170 (29.7)	1.010 (25.7)	7	7	-
24	1.420 (36.1)	1.260 (32.0)	12	12	13/14/15/17
28	1.730 (43.9)	1.570 (39.9)	22	14	14/25
32	1.940 (49.3)	1.780 (52.2)	28	18	18/31

Notes:

1. Assembly identified with manufacturer's name, part number and date code, space permitting.
2. For effective grounding, connector with conductive finish should be used.
3. Glenair 600 Series Backshell Assembly Tools are recommended for assembly and installation.
4. Drilled star is available on Table III.
5. Ferrule kit sold separately.
 687-764 ferrule and HST device kit
 687-809 ferrule and sealing device kit
 687-748 solder ferrule
 687-841-01 HST flex device

Material/Finish	
Backshell, coupling nut and star	Al alloy/Table III
Anti-decoupling device	Corrosion resistant material

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[470HE019NF1924-12](#)