



470-020 StarShield™ EMI/RFI Split Composite Backshell for MIL-DTL-38999 Series III and IV Connectors



**Non
Environmental**



**Standard
Length**



Composite



**High
Ferrule Count**

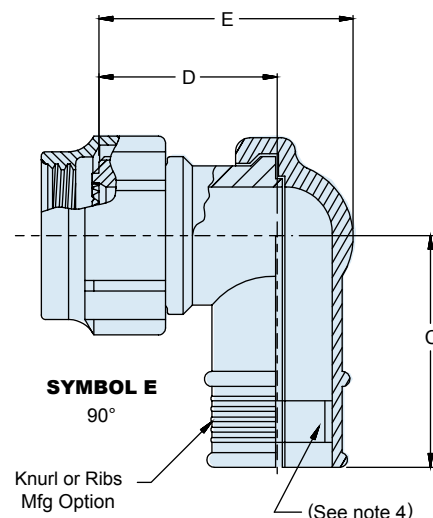
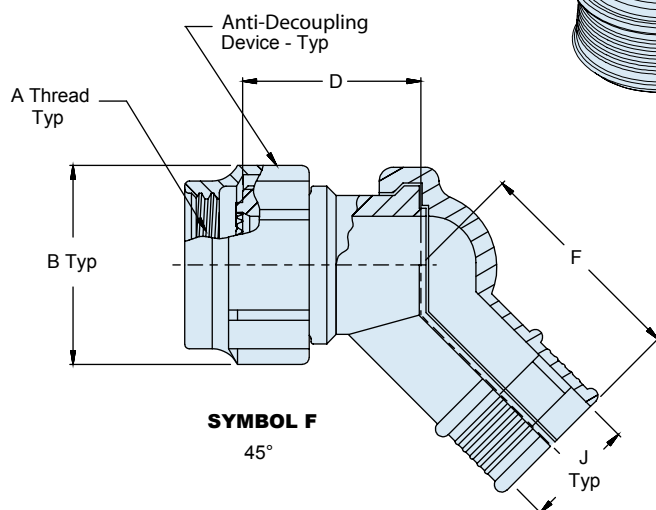
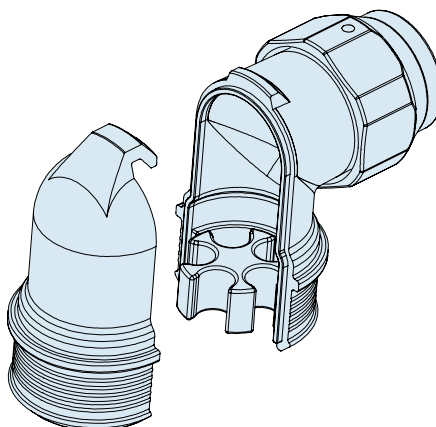
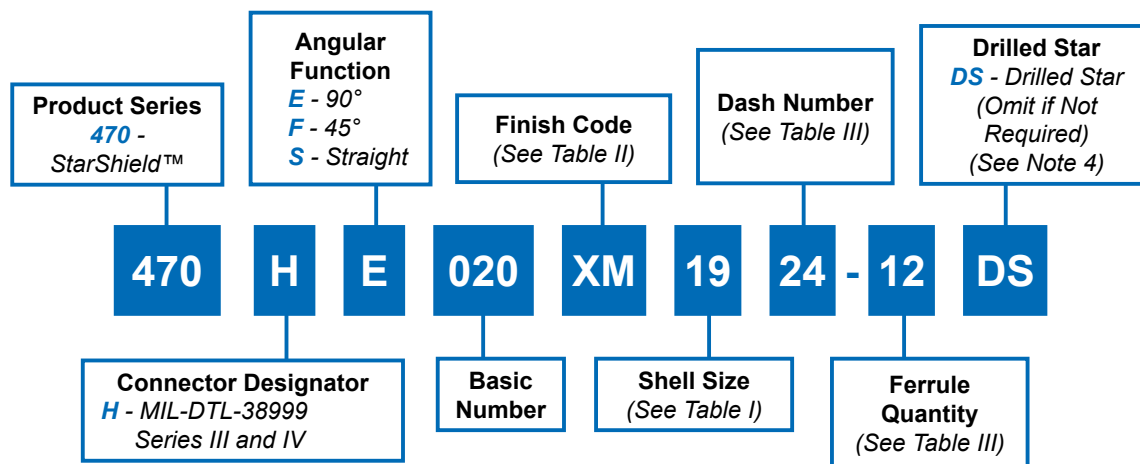


**Split
Shell**



**Self
Locking**

StarShield™ split shell, non-environmental backshell with high ferrule count



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

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470-020
StarShield™ Split Composite EMI/RFI Backshell
 for MIL-C-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	G Flats		Max Entry
							Max	Min	
09	M12 X 1.0 - 6H	.812 (20.6)	1.995 (50.7)	1.030 (26.2)	1.339 (34.0)	1.405 (35.7)	.750 (19.1)	.736 (18.7)	14
11	M15 X 1.0 - 6H	.938 (23.8)	2.055 (52.2)	1.100 (27.9)	1.465 (37.2)	1.435 (36.4)	.875 (22.2)	.860 (21.8)	14
13	M18 X 1.0 - 6H	1.125 (28.6)	2.125 (54.0)	1.160 (29.5)	1.589 (40.4)	1.465 (37.2)	1.000 (25.4)	.980 (24.9)	18
15	M22 X 1.0 - 6H	1.250 (31.8)	2.185 (55.5)	1.220 (31.0)	1.715 (43.6)	1.485 (37.7)	1.125 (28.6)	1.100 (27.9)	24
17	M25 X 1.0 - 6H	1.375 (34.9)	2.245 (57.0)	1.310 (33.3)	1.901 (48.3)	1.515 (38.5)	1.250 (31.8)	1.224 (31.1)	24
19	M28 X 1.0 - 6H	1.500 (38.1)	2.265 (57.5)	1.370 (34.8)	2.025 (51.4)	1.535 (39.0)	1.375 (34.9)	1.348 (34.2)	24
21	M31 X 1.0 - 6H	1.625 (41.3)	2.405 (61.1)	1.370 (34.8)	2.025 (51.4)	1.565 (39.8)	1.500 (38.1)	1.469 (37.3)	28
23	M34 X 1.0 - 6H	1.750 (44.5)	2.435 (61.8)	1.440 (36.6)	2.152 (54.7)	1.595 (40.5)	1.625 (41.3)	1.581 (40.2)	28
25	M37 X 1.0 - 6H	1.875 (47.6)	2.495 (63.4)	1.560 (39.6)	2.403 (61.0)	1.615 (41.0)	1.750 (44.5)	1.690 (42.9)	32

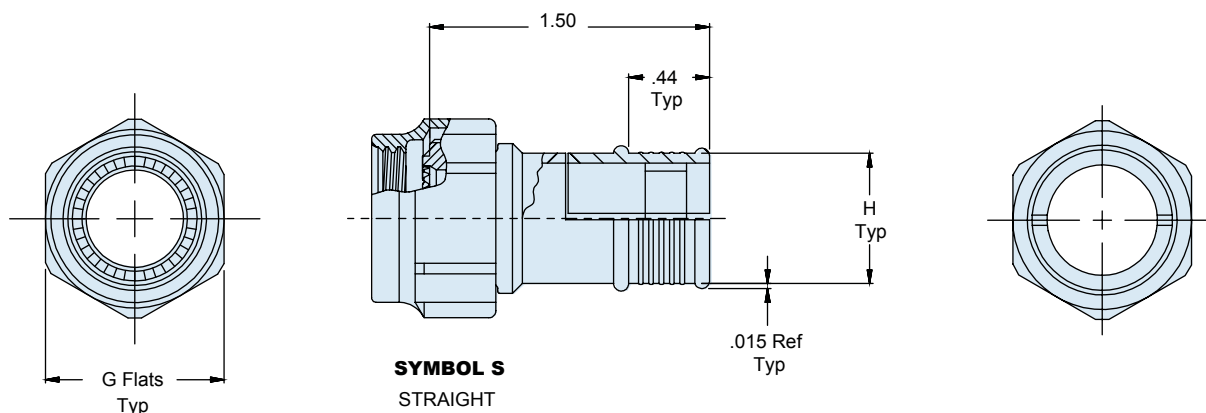
Table II: Finish Options	
Code	Finish
XM	Electroless nickel
XW	Cadmium/olive drab

Table III: Ferrule Options					
Dash No.	H 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	High-grade engineering thermoplastic/ Table III
Coupling nut and anti-decoupling device	Hi-grade engineering thermoplastic/n.a.
Star	Aluminum alloy/Table II



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