

MIL-DTL-38999 Series III Type

470-017 Composite Starshield® EMI/RFI zero length shield termination adapter

BACKSHELLS AND ACCESSORIES

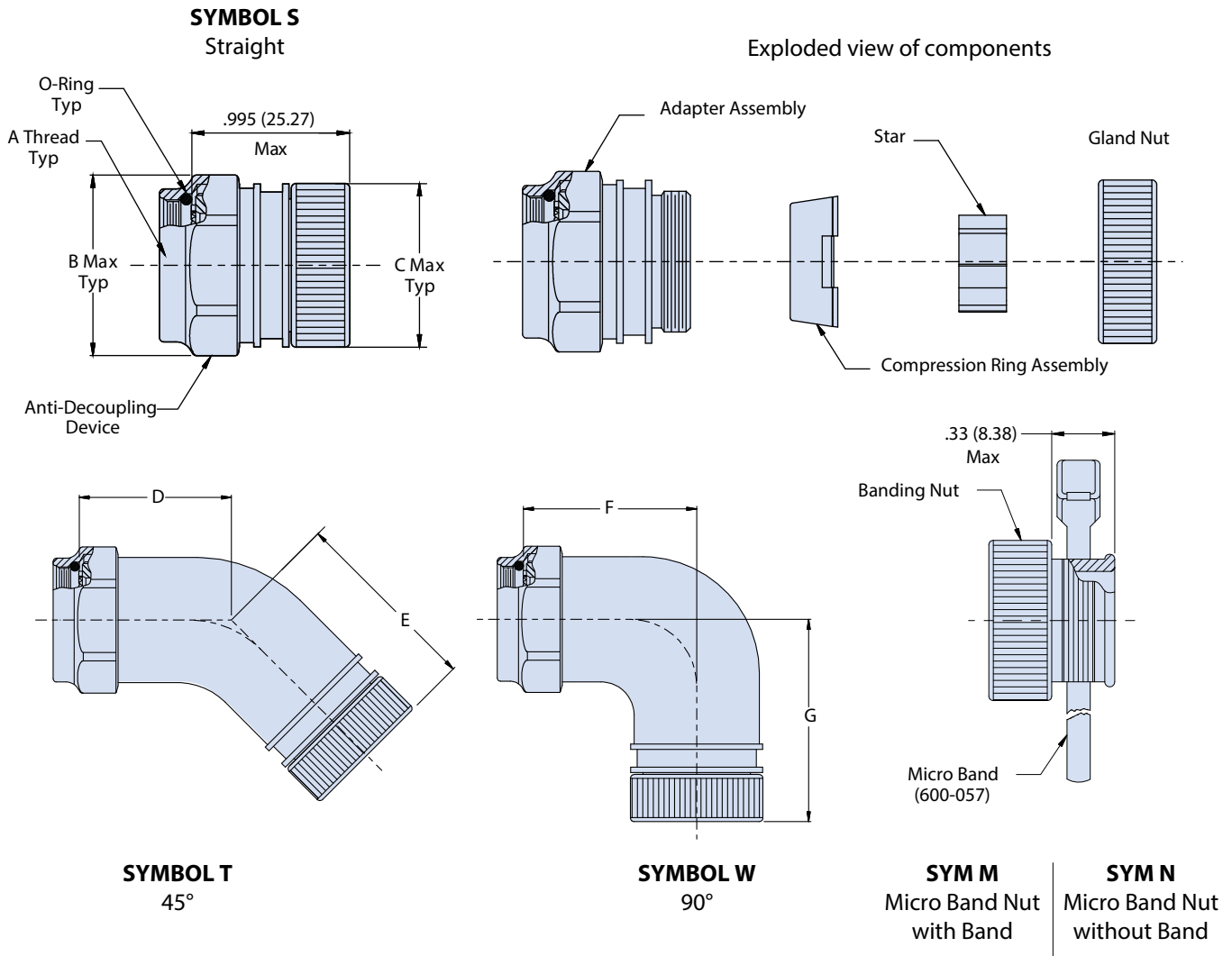
Part Number Development														
Sample Part Number	470					H	S	017	XM	17	6	G	DS	-T
Product Series	StarShield™ zero-termination-length backshell													
Connector Designator	H = MIL-DTL-38999 Series III													
Angle	S = Straight T = 45° W = 90°													
Basic Number	017 = StarShield composite backshell													
Finish	XMT = 2000 hr, nickel-PTFE, 1000 hour gray XW = 2000 hr, cadmium O/D over electroless nickel XB = No plating, black XM = CRES, electroless nickel XD = No plating, desert tan Enhanced performance finishes XSM = Electroless nickel XSW = Enhanced cadmium, olive drab													
Order Number	See Dimensions Table													
Ferrule Quantity Code	See Dimensions Table													
Rear End Option	G = Gland Nut M = Micro Band Nut with Band N = Micro Band Nut without Band													
Drilled Star	DS = Drilled Star, omit if not required.													
Shrink Boot	T = Shrink Boot, omit for none; See Shrink Boot Table													



Shrink Boot	
Shell Size	Shrink Boot Ref. Part No.
09	770-001S1 04
11	770-001S1 06
13	770-001S1 06
15	770-001S1 07
17	770-001S1 07
19	770-001S1 08
21	770-001S1 08
23	770-001S1 08
25	770-001S1 09

Dimensions											
Order Number	Shell Size Code	Shell Size Reference	A Thread ISO Metric	B Dia Max	C Dia Max	D Max	E Max	F Max	G Max	Ferrule Quantity ⁴	
										Std.	Opt.
09	A	9	M12 X 1 - 6H	.83 (21.1)	.681 (17.30)	.49 (12.45)	1.00 (25.4)	.71 (18.03)	1.14 (28.96)	1	-
11	B	11	M15 X 1 - 6H	.96 (24.4)	.885 (22.48)	.51 (12.95)	1.02 (25.91)	.77 (19.56)	1.20 (30.48)	2	-
13	C	13	M18 X 1 - 6H	1.09 (27.7)	.917 (23.29)	.55 (13.97)	1.04 (26.42)	.83 (21.08)	1.26 (32.00)	3	-
15	D	15	M22 X 1 - 6H	1.22 (31.0)	1.055 (26.80)	.57 (14.48)	1.08 (27.43)	.89 (22.61)	1.32 (33.53)	5	-
17	E	17	M25 X 1 - 6H	1.35 (34.3)	1.173 (29.79)	.59 (14.99)	1.10 (27.94)	.95 (24.13)	1.38 (35.05)	6	7
19	F	19	M28 X 1 - 6H	1.48 (37.6)	1.291 (32.79)	.61 (15.49)	1.12 (28.45)	1.01 (25.65)	1.44 (36.58)	7	-
21	G	21	M31 X 1 - 6H	1.62 (41.1)	1.409 (37.79)	.65 (16.51)	1.14 (28.96)	1.08 (27.43)	1.52 (36.61)	9	11
23	H	23	M34 X 1 - 6H	1.76 (44.70)	1.527 (38.79)	.67 (17.02)	1.18 (29.97)	1.14 (28.96)	1.57 (39.88)	10	13
25	J	25	M37 X 1 - 6H	1.86 (47.24)	1.665 (42.29)	.71 (18.03)	1.22 (30.99)	1.20 (30.48)	1.63 (41.40)	12	17

COMPOSITE STARSHIELD® BACKSHELL WITH SELF-LOCKING COUPLING NUT AND SHRINK BOOT GROOVE



NOTES

- Glenair 600 series backshell assembly tools are recommended for assembly and installation.
- 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
- Star not supplied with order number 09. Drilled star is available on order numbers 15-25 only. If optional ferrule qty per Table 1 is selected, one split and one solid star will be supplied
- Material/finish
 - Adapter, compression ring and star: high grade engineering thermoplastic/ see part number development, finish
 - Nuts: high grade engineering thermoplastic/color black
 - O-ring: silicone/N.A.
 - Compression ring retainer: stainless steel/passivate