

OCTAXIAL CONTACTS SpeedMaster™ Backshells



4470H*1130 Banding Backshell, Shrouded



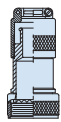
Self-Locking

"Band-in-a-Can" shield termination. Saddle clamp. 4470H*1130 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Backshell has increased clearance for SpeedMaster contact modules. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (optional). Aluminum or stainless steel. Saddle clamp hardware is passivated SST.

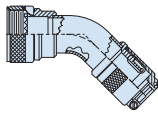
ADAPTER CODE H

- This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

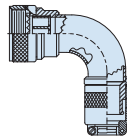
PROFILE SELECTION GUIDE



S Straight



M 45°



N 90°

MATERIAL/FINISH

- Adapter, elbow, coupling nut, body clamp, saddle - see Material/Finish table
- Hardware and band - cres/passivate
- Anti-decoupling device - corrosion resistant material
- Organizer, spacer - high grade engineering thermoplastic

Part Number Development

Sample Part Number	4470H	S	1130	NF	17	-22	20	-8	K	P
Series - Basic Part No.	4470H 38999 Series III and IV Connectors, Band-In-A-Can Backshell									
Angular Function	M = 45° Bent Tube N = 90° Bent Tube S = Straight									
Basic Part No.	1130									
Material/Finish	See Material/Finish table									
Shell Size	09, 11, 13, 15, 17, 19, 21, 23, 25									
Organizer Option	Omit For None									
Dash No	10, 12, 14, 16, 18, 20, 22, 24, 28, 32 see Dash Number Table									
Length: S Only	1/2 Inch Increments, E.G. 8 = 4.000 Inches									
Band	B = Band (Flat Or Precoiled) K = Precoiled Band Omit For None									
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. P = Polysulfide Barrier									

Material/Finish

Sym.	Material	Finish Description
MA	Al Alloy	Electroless Nickel, Matte
ME		Electroless Nickel
MT		Nickel-PTFE
NF		Cadmium Olive Drab Over Electroless Nickel
ZN		Zinc-Nickel, Olive Drab
ZR		Zinc Nickel/Black Over Electroless Nickel
Z1	SST	Passivate
ZL		Electrodeposited Nickel

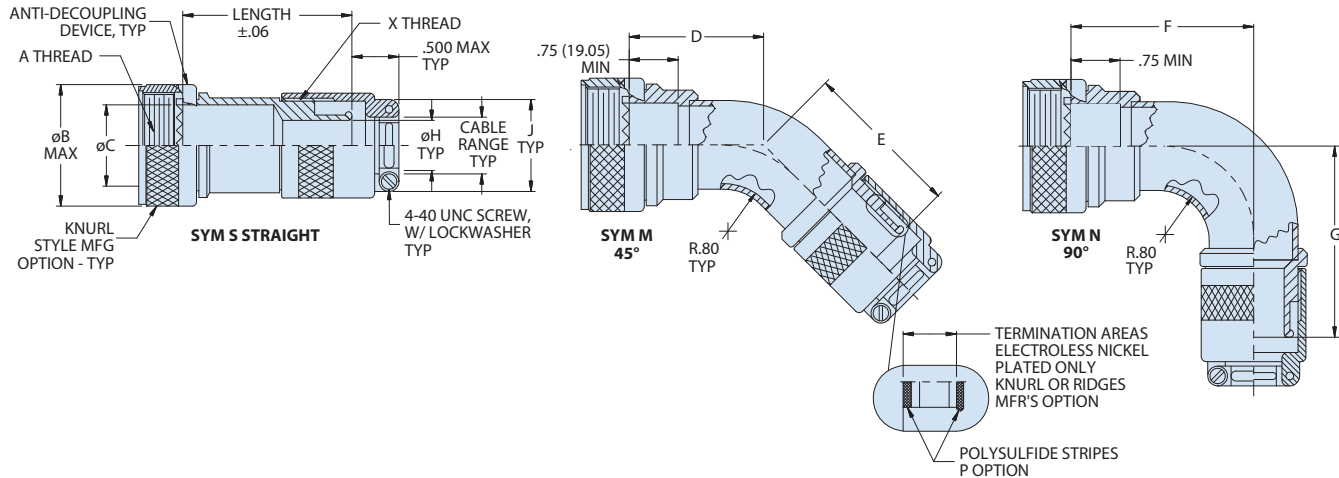
Dash Number

Dash No	H ±.030 Dia	J Max Dim	X Thread Class 2B	Cable Range	
				Min	Max
10	0.220 (5.59)	1.000 (25.40)	5/8-24 UNEF	0.130 (3.30)	0.250 (6.35)
12	0.310 (7.87)	1.250 (31.75)	3/4-20 UNEF	0.250 (6.35)	0.380 (9.65)
14	0.440 (11.18)	1.340 (34.04)	13/16-20 UNEF	0.310 (7.87)	0.440 (11.18)
16	0.560 (14.22)	1.470 (37.34)	1-20 UNEF	0.375 (9.52)	0.630 (16.00)
18	0.630 (16.00)	1.560 (39.62)	1 1/8-18 UNEF	0.560 (14.22)	0.690 (17.53)
20	0.750 (19.05)	1.620 (41.15)	1 1/8-18 UNEF	0.630 (16.00)	0.750 (19.05)
22	0.880 (22.35)	1.750 (44.45)	1 1/4-18 UNEF	0.750 (19.05)	0.880 (22.35)
24	1.000 (25.40)	1.870 (47.50)	1 3/8-18 UNEF	0.880 (22.35)	1.000 (25.40)
28	1.060 (26.92)	1.970 (50.04)	1 1/2-18 UNEF	1.000 (25.40)	1.130 (28.70)
32	1.190 (30.23)	2.090 (53.09)	1 5/8-18 UNEF	1.130 (28.70)	1.250 (31.75)

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Dimensions								
Shell Size	A Thread	ØB Max	ØC Min	D Max Dim	E Max Dim	F Max Dim	G Max Dim	Max Dash
09	M12 x 1.0-6H	0.94 (23.88)	0.372 (9.45)	1.433 (36.40)	1.443 (36.65)	1.893 (48.08)	1.903 (48.34)	12
11	M15 x 1.0-6H	1.06 (26.92)	0.470 (11.94)	1.460 (37.08)	1.470 (37.34)	1.955 (49.66)	1.965 (49.91)	14
13	M18 x 1.0-6H	1.17 (29.72)	0.584 (14.83)	1.485 (37.72)	1.495 (37.97)	2.107 (53.52)	2.117 (53.77)	16
15	M22 x 1.0-6H	1.29 (32.77)	0.709 (18.01)	1.541 (39.14)	1.551 (39.40)	2.170 (55.12)	2.180 (55.37)	18
17	M25 x 1.0-6H	1.42 (36.07)	0.834 (21.18)	1.580 (40.13)	1.590 (40.39)	2.275 (57.79)	2.285 (58.04)	20
19	M28 x 1.0-6H	1.54 (39.12)	0.940 (23.88)	1.606 (40.79)	1.616 (41.05)	2.338 (59.39)	2.348 (59.64)	22
21	M31 x 1.0-6H	1.67 (42.42)	1.065 (27.05)	1.588 (40.34)	1.598 (40.59)	2.399 (60.93)	2.409 (61.19)	28
23	M34 x 1.0-6H	2.01 (51.05)	1.190 (30.23)	1.610 (40.89)	1.620 (41.15)	2.420 (61.47)	2.430 (61.72)	32
25	M37 x 1.0-6H	2.12 (53.85)	1.315 (33.40)	1.641 (41.68)	1.651 (41.94)	2.525 (64.13)	2.535 (64.39)	32

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band
601-041



Banding Tool
601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

Plating codes NF, ZR and TZ only

