

380-002

EMI/RFI Non-Environmental Backshell

with Strain Relief

Type A - Direct Coupling - Low Profile

CONNECTOR DESIGNATORS

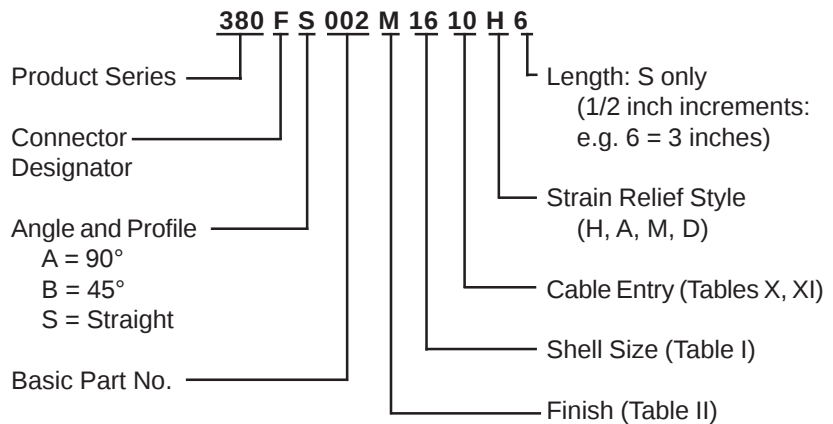
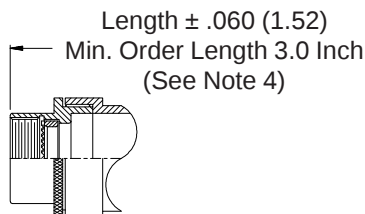
A-B*-C-D-E-F

G-H-J-K-L-S

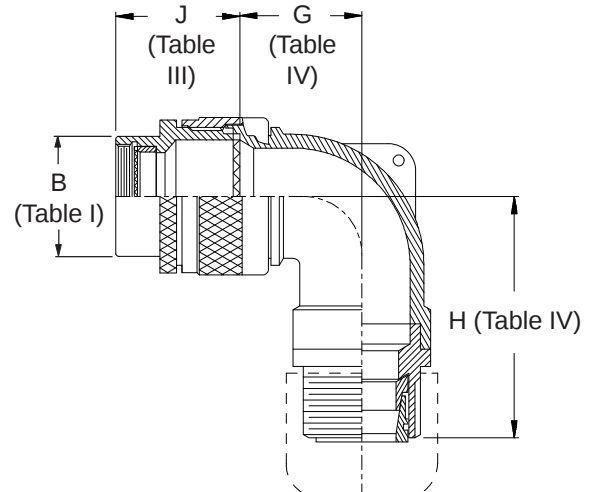
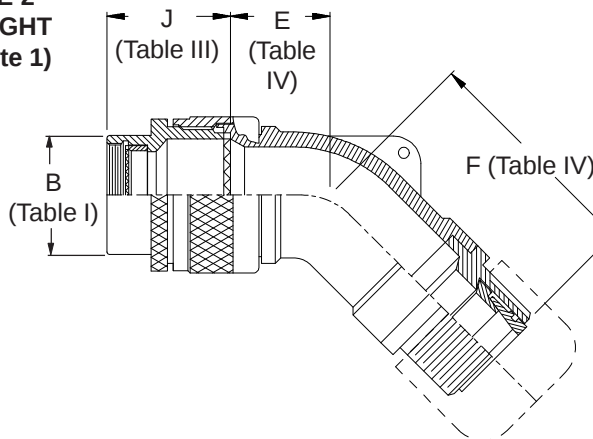
* Conn. Design. B See Note 5

DIRECT COUPLING

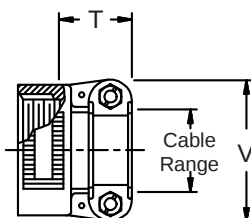
TYPE A OVERALL SHIELD TERMINATION



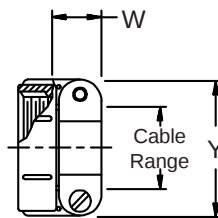
STYLE 2 (STRAIGHT See Note 1)



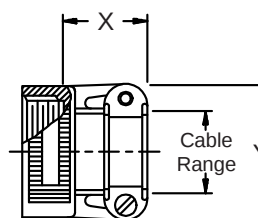
STYLE H Heavy Duty (Table X)



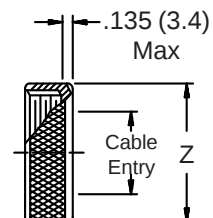
STYLE A Medium Duty (Table XI)



STYLE M Medium Duty (Table XI)



STYLE D Medium Duty (Table XI)



380-002
EMI/RFI Non-Environmental Backshell
 with Strain Relief
 Type A - Direct Coupling - Low Profile



38

TABLE III: FRONT ADAPTER

Shell Size	J Max - Conn. Designator		
	A-E-F J-H-L-S	D-B-G-K	C
08/09	1.180 (30.0)	1.440 (36.6)	
10/11	1.180 (30.0)	1.440 (36.6)	
12/13	1.180 (30.0)	1.440 (36.6)	1.735 (44.1)
14/15	1.180 (30.0)	1.440 (36.6)	1.915 (48.6)
16/17	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
18/19	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
20/21	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
22/23	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
24/25	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
28/29	1.610 (40.9)	1.560 (39.6)	1.915 (48.6)
32/33	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
36	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
40	1.610 (40.9)	2.190 (55.6)	1.915 (48.6)

See inside back cover fold-out or pages 13 and 14 for unabridged Tables I and II.

TABLE IV: ELBOW DIMENSIONS

Elbow Size	E Max	F Max	G Max	H Max
04	.567 (14.4)	1.187 (30.1)	.636 (16.2)	1.200 (30.5)
06	.630 (16.0)	1.250 (31.8)	.710 (18.0)	1.320 (33.5)
08	.692 (17.6)	1.312 (33.3)	.731 (18.6)	1.340 (34.0)
10	.755 (19.2)	1.655 (42.0)	.825 (21.0)	1.660 (42.2)
12	.848 (21.5)	1.765 (44.8)	.988 (25.1)	1.750 (44.5)
16	1.036 (26.3)	1.952 (49.6)	1.087 (27.6)	1.925 (48.9)
20	1.130 (28.7)	2.098 (53.3)	1.325 (33.7)	2.033 (51.6)
24	1.255 (31.9)	2.155 (54.7)	1.337 (34.0)	2.200 (55.9)
28	1.317 (33.5)	2.250 (57.2)	1.827 (46.4)	2.450 (62.2)
32	1.348 (34.2)	2.343 (59.5)	2.027 (51.5)	2.450 (62.2)

TABLE X: CABLE ENTRY

Dash No.	T Max	V Max	Cable Range	
			Min	Max
04	.780 (19.8)	.957 (24.3)	.125 (3.2)	.312 (7.9)
06	.780 (19.8)	1.145 (29.1)	.250 (6.4)	.437 (11.1)
08	.780 (19.8)	1.332 (33.8)	.312 (7.9)	.562 (14.3)
10	.780 (19.8)	1.332 (33.8)	.350 (8.9)	.625 (15.9)
12	.811 (20.6)	1.551 (39.4)	.500 (12.7)	.750 (19.1)
16	.905 (23.0)	1.770 (45.0)	.625 (15.9)	.937 (23.8)
20	1.092 (27.7)	2.113 (53.7)	.875 (22.2)	1.250 (31.8)
24	1.124 (28.5)	2.363 (60.0)	1.000 (25.4)	1.375 (34.9)
28	1.399 (35.5)	2.770 (70.4)	1.250 (31.8)	1.625 (41.3)
32	1.399 (35.5)	3.020 (76.7)	1.437 (36.5)	1.875 (47.6)

TABLE II: STANDARD FINISHES

GLENAIR SYMBOL	FINISH
B	Cadmium Plate, Olive Drab
M	Electroless Nickel
NF	Cadmium Plate, Olive Drab Over Electroless Nickel
See Inside Back Cover for Additional Finish Options	

- When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only.)
- Metric dimensions (mm) are indicated in parentheses.
- Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

TABLE XI: CABLE ENTRY

Dash No.	W Max	X Max	Y Max	Z Max	Cable Range	
					Min **	Max
03*	.437 (11.1)	.760 (19.3)	.843 (21.4)	.630 (16.0)	.156 (4.0)	.250 (6.4)
04*	.437 (11.1)	.760 (19.3)	.906 (23.0)	.755 (19.2)	.188 (4.8)	.312 (7.9)
06*	.500 (12.7)	.760 (19.3)	1.093 (27.8)	.942 (23.9)	.281 (7.1)	.438 (11.1)
08	.563 (14.3)	.760 (19.3)	1.187 (30.1)	1.067 (27.1)	.344 (8.7)	.562 (14.3)
10	.563 (14.3)	.760 (19.3)	1.281 (32.5)	1.192 (30.3)	.375 (9.5)	.625 (15.9)
12	.563 (14.3)	.760 (19.3)	1.500 (38.1)	1.380 (35.1)	.438 (11.1)	.750 (19.1)
16	.656 (16.7)	1.073 (27.3)	1.719 (43.7)	1.535 (39.0)	.562 (14.3)	.938 (23.8)
20	.656 (16.7)	1.323 (33.6)	2.062 (52.4)	1.848 (46.9)	.750 (19.1)	1.250 (31.8)
24	.656 (16.7)	1.323 (33.6)	2.312 (58.7)	2.255 (57.3)	.781 (19.8)	1.375 (34.9)
28	1.188 (30.2)	1.572 (39.9)	2.719 (69.1)	2.505 (63.6)	.969 (24.6)	1.625 (41.3)
32*	1.187 (30.1)	1.572 (39.9)	2.969 (75.4)	2.755 (70.0)	1.125 (28.6)	1.875 (47.6)
40*	1.125 (28.6)	1.572 (39.9)	3.531 (89.7)	3.255 (82.7)	1.469 (37.3)	2.375 (60.3)

* Not available in Style M clamp.

** Not Applicable Style D

- Consult factory for shorter lengths on straight backshells.
- Refer to pages 18 and 19 for connector designator B part number development.

Mouser Electronics

Authorized Distributor

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

[Glenair:](#)

[380BS002ZE2010A4A](#) [380AS002B1206H4](#) [380AS002B1604H4](#) [380AS002B1608H4](#) [380BA002B2420DN-101](#)
[380BA002N1710AA](#) [380BB002B2316MA](#) [380BS002B1404A4A](#) [380BS002B1404H4A](#) [380BS002B1408A4A](#)
[380BS002B1508A3A](#) [380BS002B1608A3A](#) [380BS002B1610A3A](#) [380BS002B1610A5A](#) [380BS002B1810A6H](#)
[380BS002B2016A4A](#) [380BS002B2112A4A](#) [380BS002B2324H8A](#) [380BS002M1504A3A](#) [380BS002NF1606A4A](#)
[380BS002NF2006A4A](#) [380DB002B2212DC](#) [380DB002B2420DC](#) [380FA002NF2428A-7A](#) [380HA002NF1506H-73](#)
[380HA002NF1508H-73](#) [380HA002NF2528A-7A](#) [380HS002B0912M4](#) [380HS002B1112M4](#) [380JA002NF1810M](#)
[380JS002M1016A4-58-3](#) [380XA002M2208M-700P](#) [380XA002M2812M-700P](#) [380XA002N1908H-706B](#)
[380XS002M1403A4-700P](#) [380XS002M1404A4-700P](#) [380XS002M1406A3-700P](#) [380XS002M1408M3-700P](#)
[380XS002M2208A6-700P](#) [380BS002B0804H4A](#) [380BS002B1206A4N](#) [380BS002B1708H4A](#) [380BS002B2004H4A](#)
[380BS002B2008H4A](#) [380BS002B2010A5A](#) [380BS002B2208H4A](#) [380BS002B2210H4A](#) [380BS002B2216H7A](#)
[380BS002ZNU1604A6A](#) [380BS002ZNU2116A6A](#) [380BA002B1506HA](#) [380BS002B1506A3A](#) [380BS002B2324H4A](#)
[380BS002N1712M6A](#) [380BS002B1406H3A](#) [380BS002B2628M3A](#) [380BS002M1706A6A](#) [380AS002B1408H4](#)
[380XS002NF2712H3-706B](#) [380BS002B1603A3A](#) [380XS002NF3712H3-706B](#) [380BS002M0804A4A](#)
[380BS002B1406A4A](#) [380BS002B1606A3A](#) [380BA002B1206AN](#) [380BS002B1404A3A](#) [380BS002ZNU2216A6A](#)
[380XS002N1920A6-706B](#) [380BB002B1610AA](#) [380XS002B0106A3-709C](#) [380US060XM1808G3](#) [380HS051NF1706F](#)
[380HB004B1716A](#) [380AS004NF4040A4](#) [380FA125M1208A](#) [380AG112NF1612H4](#) [380DS004B0806A3C](#)
[380AC030NF0803A1](#) [380FA051NF1405F](#) [380HS051NF1305F](#) [380JS004M2416A6-16B](#) [380AS034NF0802-5-204](#)
[380AS003M1812M3-98Z](#) [380ES004M1006A3](#) [380AS003M1404L2-98Z](#) [380ES004M1204A3](#) [380BS004B2116M4A](#)
[380AA003M1606A-98Z](#) [380HS003NF2524H4](#) [380HS004NF2524A4](#) [380DS004M0803A6-325](#) [380HS003M1712A3-73B](#)
[380AA003M1608A-98Z](#) [380AC031M1606-1G](#) [380HA051NF1103F](#) [380FA003NF1816A-100](#)
[380BS004B1410M5A](#) [380HL039NF2306F](#) [380AA003N1003A](#) [380FG112NF1612H6](#)