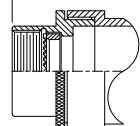


**CONNECTOR
 DESIGNATORS**
A-B*-C-D-E-F
G-H-J-K-L-S

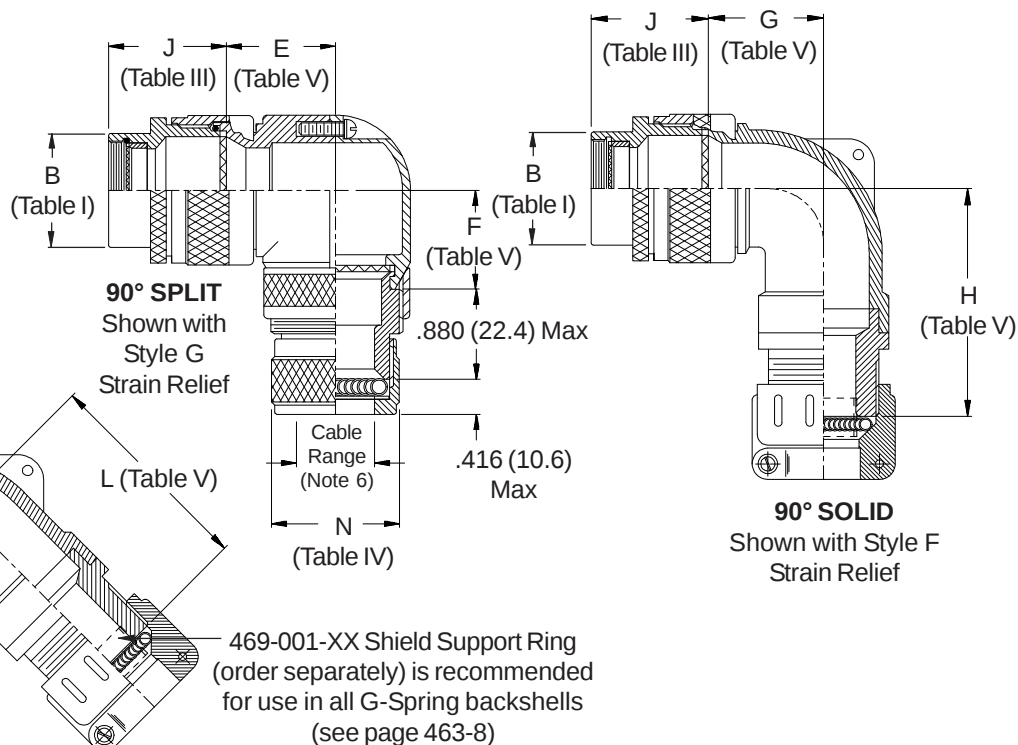
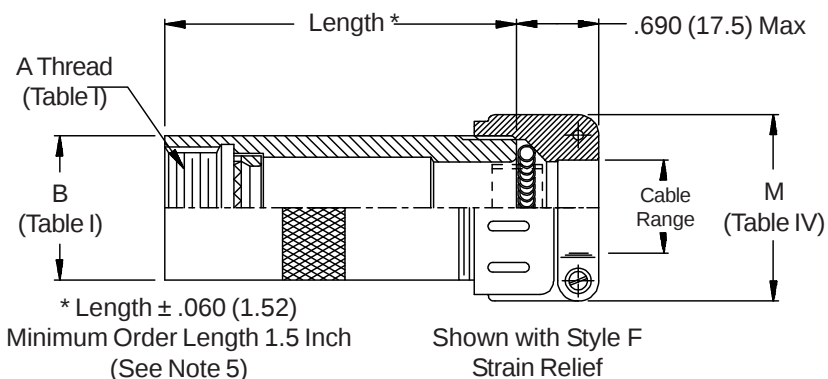
* Conn. Desig. B See Note 7
DIRECT COUPLING

Product Series — **460 F S 002 M 16 05 F 6**
 Connector Designator —
 Angle and Profile —
 A = 90° Solid
 B = 45°
 D = 90° Split
 S = Straight
 Basic Part No. —
 Length: S only
 (1/2 inch increments:
 e.g. 6 = 3 inches)
 Strain Relief Style (F, G)
 Cable Entry (Tables IV, V)
 Shell Size (Table I)
 Finish (Table II)

Length $\pm .060$ (1.52)
 Min. Order Length 2.0 Inch
 (See Note 5)



**STYLE 2
 (STRAIGHT
 See Note 1)**



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

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)

TABLE IV: CABLE ENTRY

Dash No.	M Max	N Max	Cable Range	
			Min	Max
01	.843 (21.4)	.625 (15.9)	.156 (4.0)	.250 (6.4)
02	.968 (24.6)	.750 (19.1)	.188 (4.8)	.375 (9.5)
03	1.046 (26.6)	.875 (22.2)	.250 (6.4)	.438 (11.1)
04	1.156 (29.4)	1.000 (25.4)	.280 (7.1)	.500 (12.7)
05	1.218 (30.9)	1.125 (28.6)	.375 (9.5)	.625 (15.9)
06	1.343 (34.1)	1.250 (31.8)	.500 (12.7)	.750 (19.1)
07	1.468 (37.3)	1.375 (34.9)	.625 (15.9)	.875 (22.2)
08	1.593 (40.5)	1.500 (38.1)	.750 (19.1)	1.000 (25.4)
09	1.718 (43.6)	1.625 (41.3)	.875 (22.2)	1.125 (28.6)
10	1.843 (46.8)	1.750 (44.5)	1.000 (25.4)	1.250 (31.8)
11*	2.187 (55.5)	1.875 (47.6)	1.125 (28.6)	1.375 (34.9)
12*	2.312 (58.7)	2.000 (50.8)	1.250 (31.8)	1.500 (38.1)
13*	2.437 (61.9)	2.125 (54.0)	1.375 (34.9)	1.625 (41.3)
14*	2.546 (64.7)	2.250 (57.2)	1.500 (38.1)	1.750 (44.5)

* Consult factory for availability

TABLE V: DIMENSIONS

Dash No.	E Max	F Max	G Max	H Max	K Max	L Max
01	.680 (17.3)	.560 (14.2)	.636 (16.2)	1.670 (42.4)	.630 (16.0)	1.720 (43.7)
02	.750 (19.1)	.620 (15.7)	.710 (18.0)	1.790 (45.5)	.630 (16.0)	1.720 (43.7)
03	.810 (20.6)	.690 (17.5)	.734 (18.6)	1.810 (46.0)	.692 (17.6)	1.780 (45.2)
04	.870 (22.1)	.720 (18.3)	.825 (21.0)	1.880 (47.8)	.755 (19.2)	1.870 (47.5)
05	.930 (23.6)	.820 (20.8)	.988 (25.1)	1.970 (50.0)	.848 (21.5)	1.980 (50.3)
06	1.000 (25.4)	.880 (22.4)	1.087 (27.6)	2.140 (54.4)	1.036 (26.3)	2.170 (55.1)
07	1.060 (26.9)	.940 (23.9)	1.087 (27.6)	2.140 (54.4)	1.036 (26.3)	2.170 (55.1)
08	1.120 (28.4)	1.000 (25.4)	1.325 (33.7)	2.250 (57.2)	1.130 (28.7)	2.320 (58.9)
09	1.180 (30.0)	1.060 (26.9)	1.325 (33.7)	2.250 (57.2)	1.130 (28.7)	2.320 (58.9)
10	1.180 (30.0)	1.060 (26.9)	1.337 (34.0)	2.420 (61.5)	1.255 (31.9)	2.370 (60.2)
11	1.312 (33.3)	1.219 (31.0)	1.827 (46.4)	2.670 (67.8)	1.317 (33.5)	2.470 (62.7)
12	1.562 (39.7)	1.438 (36.5)	1.827 (46.4)	2.670 (67.8)	1.317 (33.5)	2.470 (62.7)
13	1.562 (39.7)	1.438 (36.5)	2.027 (51.5)	2.670 (67.8)	1.348 (34.2)	2.560 (65.0)
14	1.688 (42.9)	1.656 (42.1)	2.027 (51.5)	2.670 (67.8)	1.348 (34.2)	2.560 (65.0)

1. Shield Support Ring (469-001-XX) is recommended for use in all G-Spring backshells (see page 463-8).
2. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. Angular Function S only.
3. Metric dimensions (mm) are indicated in parentheses.
4. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
5. Consult factory for shorter lengths on straight backshells.
6. Maximum cable entry available for split elbow is 1.188 (30.2).
7. When using Connector Designator B refer to pages 18 and 19 for part number development.

Mouser Electronics

Authorized Distributor

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

Glenair:

[460AS002B2205F3](#) [460BS002B1401F3A](#) [460DS002M1403F3-195](#) [460DS002NF1604F7](#) [460FS002M1204F3](#)
[460FS002M1605F3](#) [460FS002NF1003F5](#) [460HS002B1102F3](#) [460HS002B1302F3](#) [460HS002M0903F3](#)
[460HS002M1102F3](#) [460HS002M1102F4](#) [460HS002M1103F4](#) [460HS002M1104F4](#) [460HS002M1105F4](#)
[460HS002M1302F3](#) [460HS002M1302F4](#) [460HS002M1303F3](#) [460HS002M1303F4](#) [460HS002M1304F4](#)
[460HS002M1504F3](#) [460HS002M1504F4](#) [460HS002M1505F3](#) [460HS002M1505F4](#) [460HS002M1506F4](#)
[460HS002M1702F4](#) [460HS002M1704F3](#) [460HS002M1704F4](#) [460HS002M1705F4](#) [460HS002M1706F4](#)
[460HS002M1905F4](#) [460HS002M1906F4](#) [460HS002M2106F4](#) [460HS002M2305F3](#) [460HS002M2306F4](#)
[460HS002M2510F4](#) [460JS002NF1406F4](#) [460XA002NF0103F-709C](#) [460BS002B1004F3H](#) [460FA002NF0803F](#)
[460HS002M1103F3](#) [460HS002M1502F4](#) [460HS002M1705F3](#) [460HS002M1905F3](#) [460HS002M2306F3](#)
[460HS002M2509F4](#) [460FA002M0803F](#) [460FS002M1003F5](#) [460HS002M0902F3](#) [460HS002M0903F4](#)
[460HS002M1902F3](#) [460HS002M1906F3](#) [460HS006NF1706F3R](#)