

390-054

Submersible EMI/RFI Cable Sealing Backshell

with Strain Relief

Type F - Direct Coupling - Standard Profile

CONNECTOR DESIGNATORS

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

G-H-J-K-L-S

* Conn. Desig. B See Note 3

DIRECT COUPLING

TYPE F INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION

Product Series **390 F H 054 M 16 10 H**

Connector Designator

Angle and Profile
H = 45°
J = 90°
See page 39-66 for straight

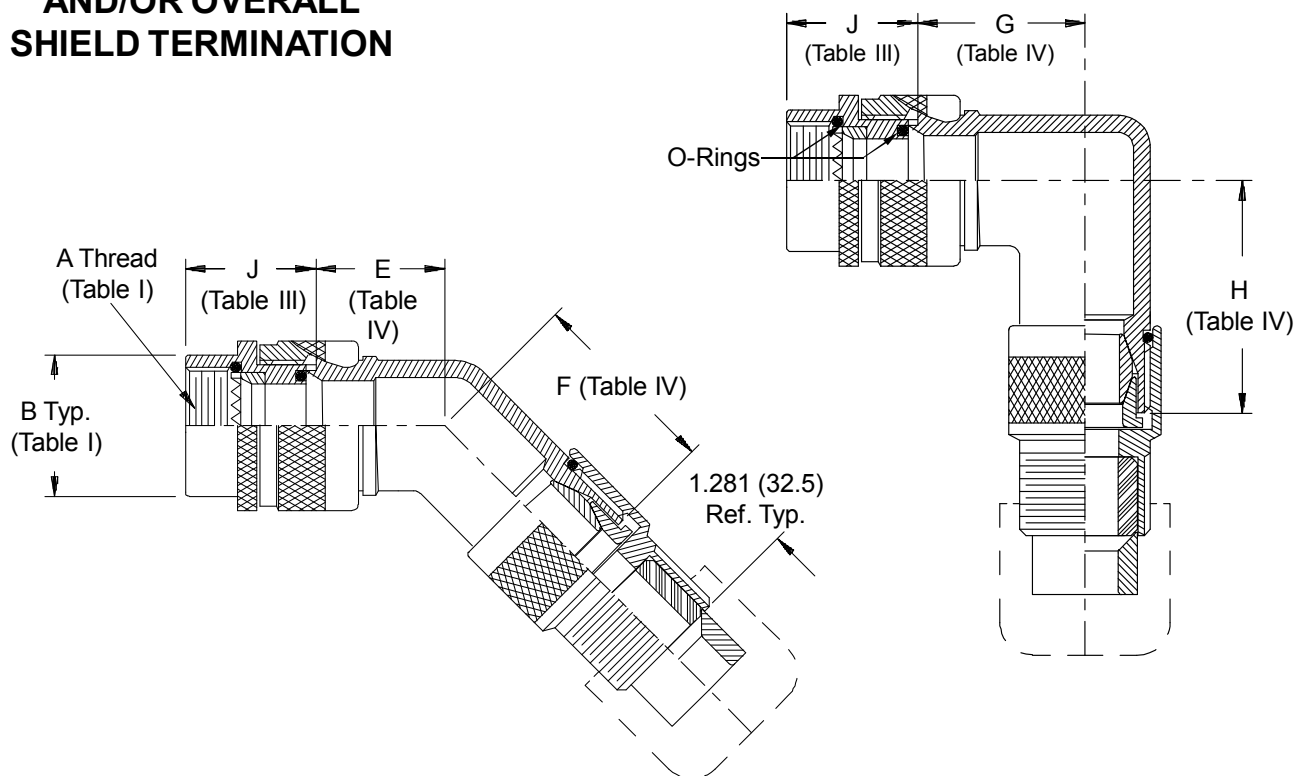
Strain Relief Style (H, A, M, D)

Cable Entry (Tables X, XI)

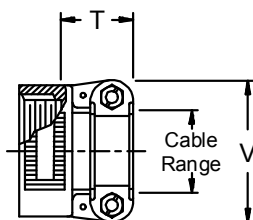
Shell Size (Table I)

Finish (Table II)

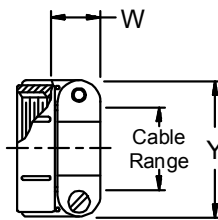
Basic Part No.



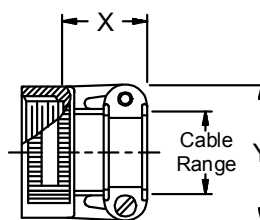
STYLE H
Heavy Duty
(Table X)



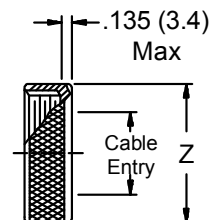
STYLE A
Medium Duty
(Table XI)



STYLE M
Medium Duty
(Table XI)



STYLE D
Medium Duty
(Table XI)



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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		C
	J-H-L-S	D-B-G-K	
08/09	1.180 (30.0)	1.250 (31.8)	
10/11	1.180 (30.0)	1.250 (31.8)	
12/13	1.180 (30.0)	1.250 (31.8)	1.735 (44.1)
14/15	1.180 (30.0)	1.250 (31.8)	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: ELBOW DIMENSIONS								
Elbow Size	E Max		F Max		G Max		H Max	
03	.664	(16.9)	1.039	(26.4)	.810	(20.6)	1.179	(29.9)
04	.688	(17.5)	1.059	(26.9)	.870	(22.1)	1.239	(31.5)
06	.705	(17.9)	1.089	(27.7)	.920	(23.4)	1.309	(33.2)
08	.732	(18.6)	1.109	(28.7)	.980	(24.9)	1.369	(34.8)
10	.732	(18.6)	1.109	(28.7)	.980	(24.9)	1.369	(34.8)
12	.773	(19.6)	1.139	(28.9)	1.080	(27.4)	1.449	(36.8)
16	.823	(20.9)	1.209	(30.7)	1.200	(30.5)	1.599	(40.6)
20	1.041	(26.4)	1.379	(34.9)	1.480	(37.6)	1.839	(46.7)
24	1.092	(27.7)	1.419	(36.0)	1.610	(40.9)	1.929	(49.0)
28	1.138	(28.9)	1.469	(37.3)	1.720	(43.7)	2.039	(51.8)
32	1.184	(30.1)	1.509	(38.3)	1.830	(46.5)	2.149	(54.6)
40	1.287	(32.7)	1.609	(40.9)	2.080	(52.8)	2.399	(60.9)

TABLE X: CABLE ENTRY							
Dash	T	V	Cable Range				
No.	Max	Max	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)	.387	(9.3)	.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)	

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

1. Metric dimensions (mm) are indicated in parentheses.
2. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
3. When using Connector Designator B refer to pages 18 and 19 for part number development.

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)	.387	(9.3)	.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)	.625	(15.9)	.938 (23.8)
20	.656 (16.7)	1.323 (33.6)	2.062 (52.4)	1.848 (46.9)	.875	(22.2)	1.250 (31.8)
24	.656 (16.7)	1.323 (33.6)	2.312 (58.7)	2.255 (57.3)	1.000	(25.4)	1.375 (34.9)
28	1.188 (30.2)	1.572 (39.9)	2.719 (69.1)	2.505 (63.6)	1.250	(31.8)	1.625 (41.3)
32*	1.187 (30.1)	1.572 (39.9)	2.969 (75.4)	2.755 (70.0)	1.437	(36.5)	1.875 (47.6)
40*	1.125 (28.6)	1.572 (39.9)	3.531 (89.7)	3.255 (82.7)	1.875	(47.6)	2.375 (60.3)

* Not available in Style M clamp.