

630-003

EMI/RFI Environmental Bulkhead Feed-Through with Strain Relief

Front and Rear Panel Mount - 45° and 90°

Single Overall EMI/RFI Shield Termination

Product Series **630 A H 003 NF 16 2 H**

Fitting Type
A = Rear Mount
B = Front Mount

Angle and Profile
H = 45°
J = 90°

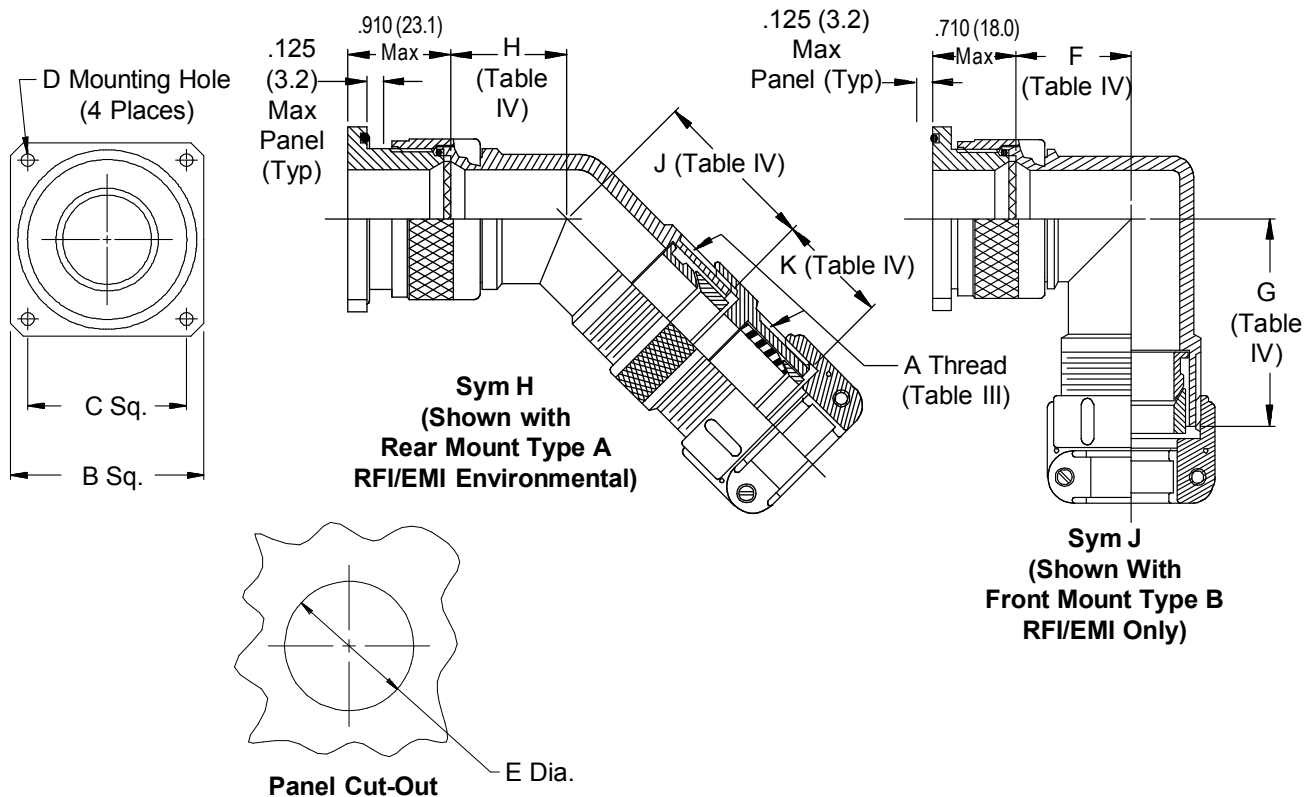
Strain Relief Style (H, A, M, D)

Fitting Style
1 = RFI/EMI Only
2 = RFI/EMI Environmental

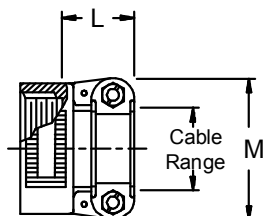
Cable Entry (Tables III and V)

Finish (Table II - See inside back cover fold-out or page 14)

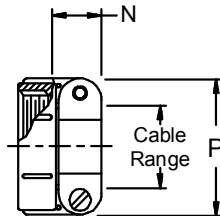
Basic Part No.



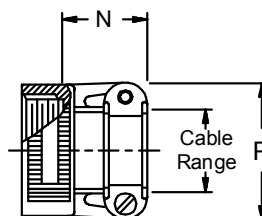
STYLE H
Heavy Duty
(Table V)



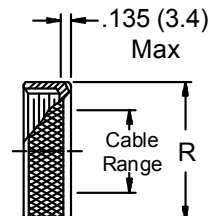
STYLE A
Medium Duty
(Table V)



STYLE M
Medium Duty
(Table V)



STYLE D
Medium Duty
(Table V)



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63

TABLE III: CABLE ENTRY

Dash Clamp No.	Size	Cable Range		A Thread Unified	B Dim	C Sq.		D Dia		E Dia	
		Min	Max			± .010	(± .3)	+ .015 - .000	(+ .4) (-.0)	± .010	(± .3)
01	03	.157 (4.0)	.250 (6.4)	1/2 -28	.885 (22.5)	.593 (15.1)		.120 (3.0)		.515 (13.1)	
03	04	.187 (4.7)	.312 (7.9)	5/8 -24	1.104 (28.0)	.812 (20.6)		.120 (3.0)		.640 (16.3)	
05	06	.281 (7.1)	.437 (11.1)	3/4 -20	1.197 (30.4)	.906 (23.0)		.120 (3.0)		.765 (19.4)	
07	08	.344 (8.7)	.562 (14.3)	7/8 -20	1.291 (32.8)	.968 (24.6)		.120 (3.0)		.890 (22.6)	
09	10	.375 (9.5)	.625 (15.9)	1 -20	1.385 (35.2)	1.062 (27.0)		.120 (3.0)		1.015 (25.8)	
11	12	.438 (11.1)	.750 (19.1)	1 3/16 -18	1.635 (41.5)	1.250 (31.8)		.120 (3.0)		1.202 (30.5)	
13	16	.625 (15.9)	.937 (23.8)	1 7/16 -18	1.760 (44.7)	1.375 (34.9)		.147 (3.7)		1.452 (36.9)	
15	20	.875 (22.2)	1.250 (31.8)	1 3/4 -18	2.010 (51.1)	1.562 (39.7)		.147 (3.7)		1.765 (44.8)	
17	24	1.000 (25.4)	1.375 (34.9)	2 -18	2.260 (57.4)	1.750 (44.5)		.173 (4.4)		2.015 (51.2)	
19	28	1.250 (31.8)	1.625 (41.3)	2 1/4 -16	2.510 (63.8)	1.938 (49.2)		.173 (4.4)		2.265 (57.5)	
21	32	1.437 (36.5)	1.875 (47.6)	2 1/2 -16	2.781 (70.6)	2.188 (55.6)		.173 (4.4)		2.515 (63.9)	
23	40	1.875 (47.6)	2.250 (57.2)	3 -16	3.281 (83.3)	2.625 (66.7)		.173 (4.4)		3.015 (76.6)	

TABLE IV: ELBOW DIMENSIONS

Dash No.	Clamp Size	F Max		G Max		H Max		J Max		K Max	
01	03	.750 (19.1)		1.000 (25.4)		.639 (16.2)		.890 (22.6)		.670 (17.0)	
03	04	.810 (20.6)		1.060 (26.9)		.664 (16.9)		.920 (23.4)		.670 (17.0)	
05	06	.870 (22.1)		1.125 (28.6)		.688 (17.5)		.940 (23.9)		.670 (17.0)	
07	08	.920 (23.4)		1.190 (30.2)		.705 (17.9)		.970 (24.6)		.670 (17.0)	
09	10	.980 (24.9)		1.250 (31.8)		.732 (18.6)		.990 (25.1)		.670 (17.0)	
11	12	1.080 (27.4)		1.330 (33.8)		.773 (19.6)		1.020 (25.9)		.670 (17.0)	
13	16	1.200 (30.5)		1.480 (37.6)		.823 (20.9)		1.090 (27.7)		.670 (17.0)	
15	20	1.480 (37.6)		1.781 (45.2)		1.041 (26.4)		1.322 (33.6)		.700 (17.8)	
17	24	1.610 (40.9)		1.938 (49.2)		1.092 (27.7)		1.425 (36.2)		.700 (17.8)	
19	28	1.720 (43.7)		2.045 (51.9)		1.138 (28.9)		1.475 (37.5)		.700 (17.8)	
21	32	1.830 (46.5)		2.218 (56.3)		1.184 (30.1)		1.578 (40.1)		.820 (20.8)	
23	40	2.080 (52.8)		2.594 (65.9)		1.287 (32.7)		1.802 (45.8)		.820 (20.8)	

TABLE V: CABLE ENTRY

Dash No.	Clamp Size	L Max		M Max		N Max		P Max		R Max	
01	03	---	---	---	---	.760 (19.3)		.843 (21.4)		.630 (16.0)	
03	04	.780 (19.8)		.957 (24.3)		.760 (19.3)		.906 (23.0)		.755 (19.2)	
05	06	.780 (19.8)		1.145 (29.1)		.760 (19.3)		1.093 (27.8)		.942 (23.9)	
07	08	.780 (19.8)		1.332 (33.8)		.760 (19.3)		1.187 (30.1)		1.067 (27.1)	
09	10	.780 (19.8)		1.332 (33.8)		.760 (19.3)		1.281 (32.5)		1.192 (30.3)	
11	12	.811 (20.6)		1.551 (39.4)		.760 (19.3)		1.500 (38.1)		1.380 (35.1)	
13	16	.905 (23.0)		1.770 (45.0)		1.073 (27.3)		1.719 (43.7)		1.535 (39.0)	
15	20	1.092 (27.7)		2.113 (53.7)		1.323 (33.6)		2.062 (52.4)		1.848 (46.9)	
17	24	1.124 (28.5)		2.363 (60.0)		1.323 (33.6)		2.312 (58.7)		2.255 (57.3)	
19	28	1.399 (35.5)		2.770 (70.4)		1.572 (39.9)		2.719 (69.1)		2.505 (63.6)	
21	32	1.399 (35.5)		3.020 (76.7)		1.572 (39.9)		2.969 (75.4)		2.755 (70.0)	
23	40	---	---	---	---	1.572 (39.9)		3.531 (89.7)		3.255 (82.7)	

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.