M28840/8 Style A Type 90° EMI/Env. Backshell

RY85049 Series • M85049 Type Backshells

Photo for example only

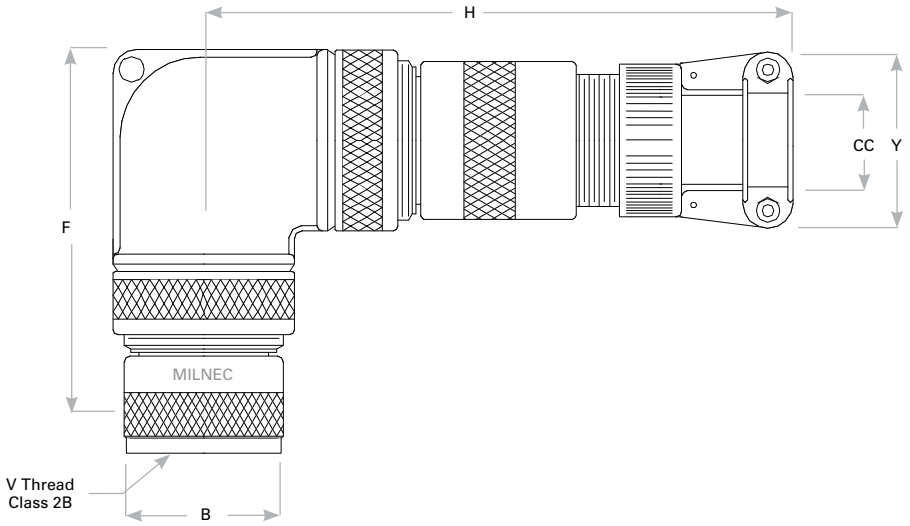
RY28840/8 10 W A

1 2 3 4

1. **BASIC PART NUMBER**
   RY28840/8
   M28840/8 type
   90° EMI/environmental backshell
2. **DASH NO.**
   See Dimensions table below
3. **MATERIAL & FINISH**
   W Aluminum, olive drab cadmium
   D Corrosion-resistant steel, black cadmium
4. **STYLE**
   A EMI/environmental

RY28840/8 Compatibility

Compatible Connector Series
MIL-DTL-28840



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RY28840/8 Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	B Max	F Max	H Max	Y	CC Cable Clearance	
							Min	Max
01	11	0.750 - 20 UNEF	1.028 (26.1)	2.614 (66.4)	5.332 (135.4)	0.938 (23.8)	0.188 (4.8)	0.312 (7.9)
02	13	0.875 - 20 UNEF	1.141 (29.0)	2.614 (66.4)	5.332 (135.4)	0.938 (23.8)	0.188 (4.8)	0.312 (7.9)
03	13	0.875 - 20 UNEF	1.141 (29.0)	2.614 (66.4)	5.332 (135.4)	1.125 (28.6)	0.281 (7.1)	0.438 (11.1)
04	15	1.000 - 20 UNEF	1.263 (32.1)	2.864 (72.7)	5.457 (138.6)	0.938 (23.8)	0.188 (4.8)	0.312 (7.9)
05	15	1.000 - 20 UNEF	1.263 (32.1)	2.864 (72.7)	5.457 (138.6)	1.125 (28.6)	0.281 (7.1)	0.438 (11.1)
06	15	1.000 - 20 UNEF	1.263 (32.1)	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	0.344 (8.7)	0.562 (14.3)
07	15	1.000 - 20 UNEF	1.263 (32.1)	3.114 (79.1)	5.682 (144.3)	1.593 (40.5)	0.438 (11.1)	0.750 (19.1)
08	17	1.125 - 18 UNEF	1.387 (35.2)	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	0.375 (9.5)	0.625 (15.9)
09	17	1.125 - 18 UNEF	1.387 (35.2)	3.114 (79.1)	5.713 (145.1)	1.593 (40.5)	0.438 (11.1)	0.750 (19.1)
10	17	1.125 - 18 UNEF	1.387 (35.2)	3.114 (79.1)	5.807 (147.5)	1.750 (44.5)	0.625 (15.9)	0.938 (23.8)
11	19	1.250 - 18 UNEF	1.513 (38.4)	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	0.375 (9.5)	0.625 (15.9)
12	19	1.250 - 18 UNEF	1.513 (38.4)	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	0.625 (15.9)	0.938 (23.8)
13	23	1.438 - 18 UNEF	1.703 (43.3)	3.364 (85.4)	5.738 (145.7)	1.593 (40.5)	0.438 (11.1)	0.750 (19.1)
14	23	1.438 - 18 UNEF	1.703 (43.3)	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	0.625 (15.9)	0.938 (23.8)
15	23	1.438 - 18 UNEF	1.703 (43.3)	3.364 (85.4)	6.019 (152.9)	2.093 (53.2)	0.812 (20.6)	1.188 (30.2)
16	25	1.562 - 18 UNEF	1.825 (46.4)	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	0.625 (15.9)	0.938 (23.8)
17	25	1.562 - 18 UNEF	1.825 (46.4)	3.364 (85.4)	6.019 (152.9)	2.093 (53.2)	0.812 (20.6)	1.188 (30.2)
18	25	1.562 - 18 UNEF	1.825 (46.4)	3.614 (91.8)	6.144 (156.1)	2.093 (53.2)	0.875 (22.2)	1.250 (31.8)
19	25	1.562 - 18 UNEF	1.825 (46.4)	3.614 (91.8)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
20	29	1.875 - 16 UN	2.143 (54.4)	3.614 (91.8)	6.144 (156.1)	2.093 (53.2)	0.812 (20.6)	1.188 (30.2)
21	29	1.875 - 16 UN	2.143 (54.4)	3.614 (91.8)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
22	33	2.062 - 16 UNS	2.329 (59.2)	4.114 (104.5)	6.426 (163.2)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
23	33	2.062 - 16 UNS	2.329 (59.2)	4.114 (104.5)	6.701 (170.2)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)
24	11	0.750 - 20 UNEF	1.028 (26.1)	2.614 (66.4)	5.332 (135.4)	1.125 (28.6)	0.281 (7.1)	0.438 (11.1)
25	11	0.750 - 20 UNEF	1.028 (26.1)	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	0.344 (8.7)	0.562 (14.3)
26	13	0.875 - 20 UNEF	1.141 (29.0)	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	0.344 (8.7)	0.562 (14.3)
27	13	0.875 - 20 UNEF	1.141 (29.0)	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	0.375 (9.5)	0.625 (15.9)
28	15	1.000 - 20 UNEF	1.263 (32.1)	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	0.375 (9.5)	0.625 (15.9)

Dimensions are in inches (mm).