

# M83723/35S Type Strain Relief Backshell

RY85049 Series • M85049 Type Backshells



## RY83723/35S - 18 R

- 1 **BASIC PART NUMBER**  
**RY83723/35S**  
 M83723/35S type  
 Non-Environmental strain relief backshell
- 2 **DASH NO.**  
 See Dimensions table below
- 3 **FINISH**  
**A** Aluminum, black anodize  
**R** Aluminum, electroless nickel

### RY83723/35S Compatibility

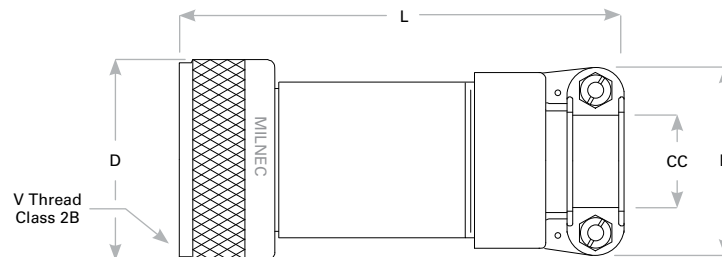
Compatible Connector Series

MIL-DTL-83723 Series II

### Backshell Dimensions

Dash No.	Shell Size	V Thread Class 2B	D Max	L Max	B Max	CC Cable Clearance	
						Min	Max
8	8S	0.438 - 28 UNEF	0.590 (15.0)	1.290 (32.8)	0.843 (21.4)	0.125 (3.2)	0.235 (6.0)
10	10S	0.500 - 28 UNEF	0.650 (16.5)	1.290 (32.8)	0.843 (21.4)	0.125 (3.2)	0.235 (6.0)
11	10SL	0.562 - 24 UNEF	0.730 (18.5)	1.290 (32.8)	0.906 (23.0)	0.170 (4.3)	0.287 (7.3)
13	12, 12S	0.625 - 24 UNEF	0.770 (19.6)	1.290 (32.8)	1.085 (27.6)	0.170 (4.3)	0.297 (7.5)
15	14, 14S	0.750 - 20 UNEF	0.910 (23.1)	1.368 (34.7)	1.093 (27.8)	0.235 (6.0)	0.422 (10.7)
16	16	0.875 - 20 UNEF	1.030 (26.2)	1.587 (40.3)	1.275 (32.4)	0.295 (7.5)	0.547 (13.9)
17	16S	0.875 - 20 UNEF	1.030 (26.2)	1.430 (36.3)	1.187 (30.1)	0.295 (7.5)	0.547 (13.9)
18	18	1.000 - 20 UNEF	1.170 (29.7)	1.695 (43.1)	1.475 (37.5)	0.325 (8.3)	0.610 (15.5)
20	20	1.125 - 18 UNEF	1.300 (33.0)	1.695 (43.1)	1.500 (38.1)	0.380 (9.7)	0.735 (18.7)
22	22	1.250 - 18 UNEF	1.420 (36.1)	1.695 (43.1)	1.710 (43.4)	0.380 (9.7)	0.735 (18.7)
24	24	1.375 - 18 UNEF	1.530 (38.9)	1.931 (49.0)	1.719 (43.7)	0.500 (12.7)	0.922 (23.4)
28	28	1.625 - 18 UNEF	1.800 (45.7)	1.931 (49.0)	2.040 (51.8)	0.500 (12.7)	0.922 (23.4)
32	32	1.875 - 16 UN	2.040 (51.8)	1.869 (47.5)	2.332 (59.2)	0.705 (17.9)	1.235 (31.4)
36	36	2.125 - 16 UN	2.270 (57.7)	1.869 (47.5)	2.312 (58.7)	0.725 (18.4)	1.360 (34.5)
40	40	2.375 - 16 UN	2.780 (70.6)	2.875 (73.0)	2.950 (74.9)	0.911 (23.1)	1.630 (41.4)

Dimensions are in inches (mm).



Rev. 1825