

# M85049/52 Type Strain Relief Backshell

Ry85049 Series • M85049 Type Backshells

## RY85049/52 S 16 N

- 1 **BASIC PART NUMBER**  
RY85049/52  
M85049/52 type  
Strain relief backshell  
(Supersedes MS3417)
- 2 **COUPLING STYLE**  
N Non-detented  
S Self-locking  
-1 Non-self-locking
- 3 **DASH NO.**  
See Dimensions table below
- 4 **MATERIAL & FINISH**  
A Aluminum, black anodize  
N Aluminum, electroless nickel  
S Stainless steel, passivated  
W Aluminum, olive drab cadmium



Photo for example only

### RY85049/52 Compatibility

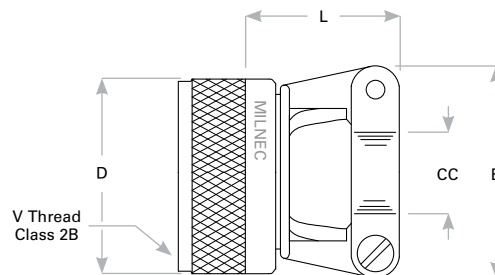
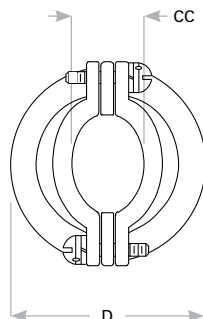
#### Compatible Connector Series

AS50151 Series AS34001 Crimp, MIL-DTL-26482 Series II,  
SAE-AS1703 Crimp Series III, MIL-DTL-83723 Series I & III

### RY85049/52 Dimensions

Dash No.	D Max Self-Locking Only	L Max	V Thread Class 2B	B	CC Cable Clearance	
					Min	Max
3 *†	n/a	n/a	0.562 - 24 UNEF	0.732 (18.6)	0.125 (3.2)	0.204 (5.2)
8	0.885 (22.5)	0.730 (18.5)	0.500 - 20 UNF	0.732 (18.6)	0.125 (3.2)	0.204 (5.2)
10	1.010 (25.7)	0.850 (21.6)	0.625 - 24 UNEF	0.812 (20.6)	0.187 (4.7)	0.286 (7.3)
12	1.135 (28.8)	0.980 (24.9)	0.750 - 20 UNEF	0.968 (24.6)	0.291 (7.4)	0.416 (10.6)
14	1.260 (32.0)	0.980 (24.9)	0.875 - 20 UNEF	1.026 (26.1)	0.351 (8.9)	0.476 (12.1)
16	1.385 (35.2)	1.100 (27.9)	1.000 - 20 UNEF	1.299 (33.0)	0.501 (12.7)	0.626 (15.9)
18	1.510 (38.4)	1.350 (34.3)	1.062 - 18 UNEF	1.431 (36.3)	0.518 (13.2)	0.706 (17.9)
20	1.635 (41.5)	1.480 (37.6)	1.188 - 18 UNEF	1.537 (39.0)	0.581 (14.8)	0.831 (21.1)
22	1.760 (44.7)	1.600 (40.6)	1.313 - 18 UNEF	1.633 (41.5)	0.644 (16.4)	0.956 (24.3)
24	1.885 (47.9)	1.730 (43.9)	1.438 - 18 UNEF	1.755 (44.6)	0.706 (17.9)	1.081 (27.5)
28 *	2.135 (54.2)	1.880 (47.8)	1.750 - 18 UNS	2.000 (50.8)	0.750 (19.1)	1.187 (30.1)
32 *	2.395 (60.8)	2.130 (54.1)	2.000 - 18 UNS	2.366 (60.1)	0.875 (22.2)	1.250 (31.8)
36 *	2.635 (66.9)	2.440 (62.0)	2.250 - 16 UN	2.476 (62.9)	0.938 (23.8)	1.375 (34.9)
40 *	2.885 (73.3)	2.630 (66.8)	2.500 - 16 UN	2.546 (64.7)	0.938 (23.8)	1.500 (38.1)
44 *	3.135 (79.6)	3.000 (76.2)	2.750 - 16 UN	2.840 (72.1)	1.188 (30.2)	1.750 (44.5)
48 *	3.385 (86.0)	3.400 (86.4)	3.000 - 16 UN	3.324 (84.4)	1.312 (33.3)	1.875 (47.6)
61 *†	n/a	n/a	1.500 - 18 UNEF	1.755 (44.6)	0.706 (17.9)	1.081 (27.5)

Dimensions are in inches (mm). \* Not available under M8372315S. † Not available in self-locking



Rev. 1825