

# M85049/118 Type Strain Relief Backshell

Ry85049 Series • M85049 Type Backshells



Photo for example only

## Ry85049/118 Compatibility

### Compatible Connector Series

AS5015 Series AS34001 Crimp, MIL-DTL-26482 Series II, SAE-AS1703 Crimp Series III, MIL-DTL-83723 Series I & III

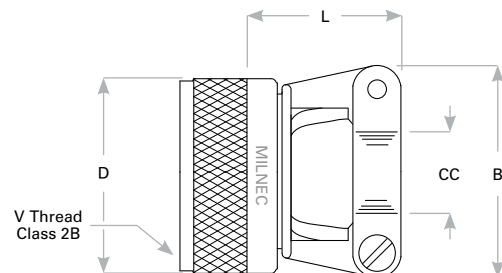
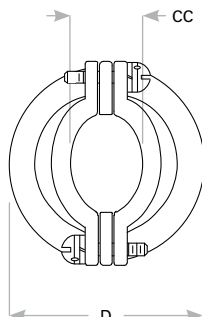
## Ry85049/118 S 16 N

- 1 **BASIC PART NUMBER**  
Ry85049/118  
M85049/118 type  
Strain relief backshell
- 2 **COUPLING STYLE**  
N Non-detented  
S Self-locking  
(Use dash for 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  
X Aluminum, nickel fluorocarbon polymer  
Y Aluminum, pure dense electrodeposited aluminum  
Z Aluminum, zinc-nickel

## Ry85049/118 Dimensions

Dash No.	MIL-DTL-83723 Series III	MIL-DTL-5015 MS3400 Series	AS81703 Series III	MIL-DTL-26482 Series II	V Thread Class 2B	D Max	L	B Max	CC Min Cable Clearance
03	-	-	3	-	9/16-24 UNEF	0.950 (24.1)	0.770 (19.6)	0.880 (22.4)	0.220 (5.6)
08	8	8S	-	8	1/2-20 UNF	0.890 (22.6)	0.770 (19.6)	0.880 (22.4)	0.220 (5.6)
10	10	10S/10SL	-	10	5/8-20 UNEF	1.010 (25.7)	0.890 (22.6)	0.940 (23.9)	0.270 (6.9)
12	12	12/12S	7	12	3/4-20 UNEF	1.140 (29.0)	1.010 (25.7)	1.120 (28.4)	0.350 (8.9)
14	14	14/14S	12	14	7/8-20 UNEF	1.260 (32.0)	1.010 (25.7)	1.190 (30.3)	0.470 (11.9)
16	16	16/16S	19	16	1-20 UNEF	1.390 (35.3)	1.130 (28.7)	1.440 (36.6)	0.550 (14.0)
18	18	18	27	18	1 1/16-18 UNEF	1.510 (38.4)	1.380 (35.1)	1.560 (39.6)	0.620 (15.7)
20	20	20	37	20	1 3/16-18 UNEF	1.640 (41.7)	1.510 (38.4)	1.690 (42.9)	0.700 (17.8)
22	22	22	-	24	1 5/16-18 UNEF	1.176 (44.7)	1.620 (41.1)	1.750 (44.5)	0.780 (19.8)
24	24	24	-	-	1 7/16-18 UNEF	1.890 (48.0)	1.760 (44.7)	1.880 (47.8)	0.850 (21.6)
28	-	28	-	-	1 3/4-18 UNS	2.140 (54.4)	2.030 (51.6)	2.120 (53.8)	0.950 (24.1)
32	-	32	-	-	2-18 UNS	2.400 (61.0)	2.280 (57.9)	2.500 (63.5)	1.020 (25.2)
36	-	36	-	-	2 1/4-16 UN	2.640 (67.1)	2.530 (64.3)	2.620 (66.5)	1.190 (30.2)
40	-	40	-	-	2 1/2-16 UN	2.890 (73.4)	2.630 (66.8)	2.680 (68.1)	1.220 (31.0)
44	-	44	-	-	2 3/4-16 UN	3.140 (79.8)	3.000 (76.2)	3.000 (76.2)	1.500 (38.1)
48	-	48	-	-	3-16 UN	3.390 (86.1)	3.400 (86.4)	3.500 (88.9)	1.630 (41.4)
61	-	-	61	-	1 1/2-18 UNEF	1.950 (49.5)	1.760 (44.7)	1.880 (47.8)	0.850 (21.6)

Dimensions are in inches (mm).



Rev. 1825