

M85049/121 Type Strain Relief Backshell

Ry85049 Series • M85049 Type Backshells



Photo for example only

Ry85049/121 Compatibility

Compatible Connector Series

MIL-DTL-38999 Series I & II

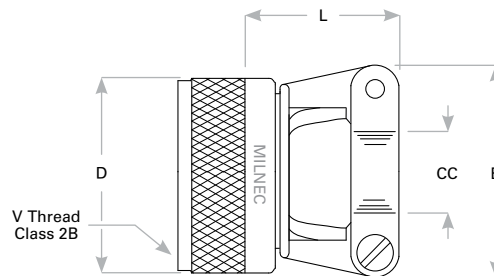
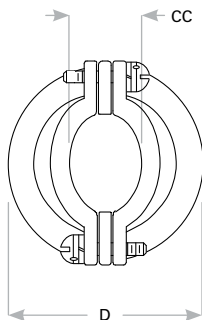
Ry85049/121 S 16 N

- 1 **BASIC PART NUMBER**
RY85049/121
M85049/121 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

Ry85049/121 Dimensions

Dash No.	Series I Shell Size	Series II Shell Size	V Thread Class 2B	D Max	L	B Max	CC Cable Entry Min
08	9	8	7/16-28 UNEF	0.858 (21.8)	0.770 (19.6)	0.880 (22.4)	0.220 (5.6)
10	11	10	9/16-24 UNEF	0.984 (25.0)	0.890 (22.6)	0.940 (23.9)	0.270 (6.9)
12	13	12	11/16-24 UNEF	1.157 (29.4)	1.010 (25.7)	1.120 (28.4)	0.350 (8.9)
14	15	14	13/16-20 UNEF	1.297 (32.5)	1.010 (25.7)	1.190 (30.2)	0.470 (11.9)
16	17	16	15/16-20 UNEF	1.406 (35.7)	1.130 (28.7)	1.440 (36.6)	0.550 (14.0)
18	19	18	1 1/16-18 UNEF	1.516 (38.5)	1.380 (35.1)	1.560 (39.6)	0.620 (15.7)
20	21	20	1 3/16-18 UNEF	1.642 (41.7)	1.510 (38.4)	1.690 (42.9)	0.700 (17.8)
22	23	22	1 5/16-18 UNEF	1.768 (44.9)	1.630 (41.4)	1.750 (44.5)	0.780 (19.8)
24	25	24	1 7/16-18 UNEF	1.869 (47.5)	1.760 (44.7)	1.880 (47.8)	0.850 (21.6)

Dimensions are in inches (mm).



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