

M85049/46 Type 90° Composite Strain Relief Backshell

R_Y85049 Series • M85049 Type Backshells

R_Y85049/46 Y 12

1 2 3

1 BASIC PART NUMBER

R_Y85049/46

M85049/46 type
90° non-self-locking composite
Strain relief backshell
(Supersedes MS27663-2)

2 MATERIAL & FINISH

A Aluminum, black anodize
W Aluminum, olive drab cadmium over electroless nickel
X Aluminum, nickel fluorocarbon polymer
Y Aluminum, pure dense electrodeposited aluminum
Z Aluminum, black zinc-nickel

3 DASH NO.

See Dimensions table below



Photo for example only

R_Y85049/46 Compatibility

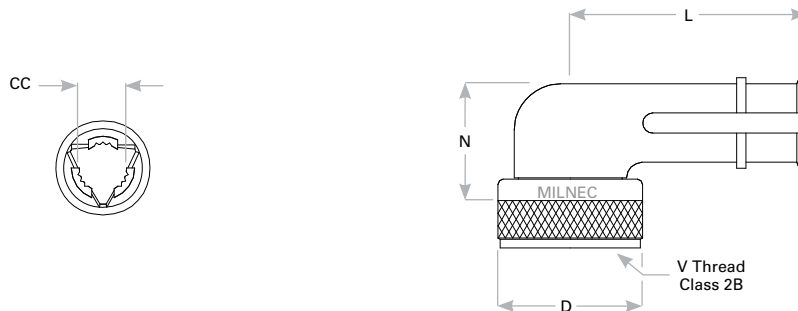
Compatible Connector Series

MIL-DTL-38999 Series I & II

R_Y85049/46 Dimensions

Dash No.	Shell Size Ref.	V Thread Class 2B	D Max	N Max	L Max	CC Cable Clearance	
						Min	Max
8	8/9	0.438 - 28 UNEF	0.578 (14.7)	0.656 (16.7)	1.015 (25.8)	0.094 (2.4)	0.203 (5.2)
10	10/11	0.562 - 24 UNEF	0.703 (17.9)	0.688 (17.5)	1.062 (27.0)	0.141 (3.6)	0.250 (6.4)
12	12/13	0.688 - 24 UNEF	0.828 (21.0)	0.750 (19.1)	1.125 (28.6)	0.172 (4.4)	0.323 (8.2)
14	14/15	0.813 - 20 UNEF	0.953 (24.2)	0.859 (21.8)	1.328 (33.7)	0.203 (5.2)	0.422 (10.7)
16	16/17	0.938 - 20 UNEF	1.078 (27.4)	0.937 (23.8)	1.392 (35.4)	0.234 (5.9)	0.500 (12.7)
18	18/19	1.063 - 18 UNEF	1.203 (30.6)	1.000 (25.4)	1.453 (36.9)	0.265 (6.7)	0.562 (14.3)
20	20/21	1.188 - 18 UNEF	1.328 (33.7)	1.062 (27.0)	1.609 (40.9)	0.297 (7.5)	0.625 (15.9)
22	22/23	1.313 - 18 UNEF	1.453 (36.9)	1.141 (29.0)	1.656 (42.1)	0.328 (8.3)	0.703 (17.9)
24	24/25	1.438 - 18 UNEF	1.578 (40.1)	1.203 (30.6)	1.719 (43.7)	0.359 (9.1)	0.765 (19.4)

Dimensions are in inches (mm).



Rev. 1825