

M85049/85 Type Banding Backshell

RY85049 Series • M85049 Type Backshells

RY85049/85 N 14 N 02

1 2 3 4 5

1 BASIC PART NUMBER
RY85049/85
 M85049/85 type
 Banding backshell
 (Supersedes MIL-C-85049/85)

2 CONFIGURATION
N Non-detented
 (Use dash for detented)

3 SHELL SIZE
 See Dimensions table below

4 MATERIAL & FINISH
N Aluminum, electroless nickel
P Aluminum, olive drab cadmium over
 electroless nickel with polysulfide sealant strips
W Aluminum, olive drab cadmium over
 electroless nickel
X Aluminum, nickel fluorocarbon polymer
YP Aluminum, pure dense electrodeposited
 aluminum with polysulfide sealant strips
Z Aluminum, black zinc-nickel
ZP Aluminum, zinc nickel with polysulfide sealant
 strips

5 ENTRY SIZE
01 - 02 See Dimensions table below



Photo for example only

RY85049/85 Compatibility

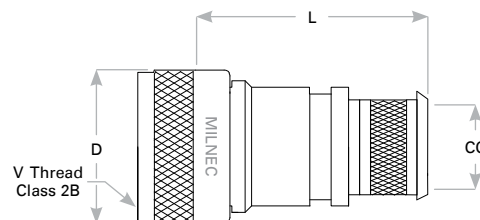
Compatible Connector Series

MIL-DTL-38999 Series I & II

RY85049/85 Dimensions

Shell Size	V Thread Class 2B	D Max	L Max	CC Cable Entry Size 01	CC Cable Entry Size 02
08	0.438 - 28 UNEF	0.860 (21.8)	1.350 (34.3)	N/A	0.250 (6.4)
10	0.562 - 24 UNEF	0.990 (25.1)	1.350 (34.3)	N/A	0.312 (7.9)
12	0.688 - 24 UNEF	1.160 (29.5)	1.350 (34.3)	0.312 (7.9)	0.438 (11.1)
14	0.813 - 20 UNEF	1.280 (32.5)	1.350 (34.3)	0.438 (11.1)	0.562 (14.3)
16	0.938 - 20 UNEF	1.410 (35.8)	1.350 (34.3)	0.500 (12.7)	0.625 (15.9)
18	1.063 - 18 UNEF	1.520 (38.6)	1.350 (34.3)	0.625 (15.9)	0.750 (19.1)
20	1.188 - 18 UNEF	1.640 (41.7)	1.350 (34.3)	0.625 (15.9)	0.812 (20.6)
22	1.313 - 18 UNEF	1.770 (45.0)	1.350 (34.3)	0.688 (17.5)	0.938 (23.8)
24	1.438 - 18 UNEF	1.890 (48.0)	1.350 (34.3)	0.750 (19.1)	1.000 (25.4)

Dimensions are in inches (mm).



Rev. 2238