

M85049/90 Type 90° Banding Backshell

RY85049 Series • M85049 Type Backshells



Photo for example only

RY85049/90 Compatibility

Compatible Connector Series

MIL-DTL-38999 Series III & IV EN3645

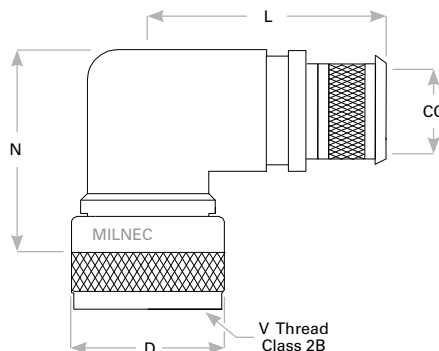
RY85049/90 - 15 N 02

- 1 **BASIC PART NUMBER**
RY85049/90
 M85049/90 type
 90° banding backshell
 (Supersedes MIL-C-85049/90)
- 2 **CONFIGURATION**
N Non-detented
 (Use dash for detented)
- 3 **SHELL SIZE**
 See Dimensions table below
- 4 **MATERIAL & FINISH (MORE OPTIONS AVAILABLE)**
N Aluminum, electroless nickel
P Aluminum, olive drab cadmium over electroless nickel, selective plating
W Aluminum, olive drab cadmium
X Aluminum, nickel fluorocarbon polymer
YP Aluminum, pure dense electrodeposited aluminum, selective plating
Z Aluminum, black zinc-nickel
ZP Aluminum, zinc nickel, selective plating
- 5 **ENTRY SIZE**
02 See Dimensions table below
03 See Dimensions table below

RY85049/90 Dimensions

Shell Size	V Thread Class 2B	D Max	N Max	L Max	CC Cable Entry Size 02	CC Cable Entry Size 03
9	M12 X 1 - 6H	0.860 (21.8)	1.375 (34.9)	1.417 (36.0)	N/A	0.250 (6.4)
11	M15 X 1 - 6H	0.990 (25.1)	1.437 (36.5)	1.480 (37.6)	N/A	0.312 (7.9)
13	M18 X 1 - 6H	1.160 (29.5)	1.562 (39.7)	1.553 (39.4)	0.312 (7.9)	0.438 (11.1)
15	M22 X 1 - 6H	1.280 (32.5)	1.687 (42.8)	1.614 (41.0)	0.438 (11.1)	0.562 (14.3)
17	M25 X 1 - 6H	1.410 (35.8)	1.750 (44.5)	1.678 (42.6)	0.500 (12.7)	0.625 (15.9)
19	M28 X 1 - 6H	1.520 (38.6)	1.875 (47.6)	1.733 (44.0)	0.625 (15.9)	0.750 (19.1)
21	M31 X 1 - 6H	1.640 (41.7)	1.938 (49.2)	1.796 (45.6)	0.625 (15.9)	0.812 (20.6)
23	M34 X 1 - 6H	1.770 (45.0)	2.062 (52.4)	1.859 (47.2)	0.688 (17.5)	0.938 (23.8)
25	M37 X 1 - 6H	1.890 (48.0)	2.125 (54.0)	1.919 (48.7)	0.750 (19.1)	1.000 (25.4)

Dimensions are in inches (mm).



Rev. 1825