

# M85049/89 Type 45° Banding Backshell

Ry85049 Series • M85049 Type Backshells

## RY85049/89 - 15 N 02

- 1 2 3 4 5

- 1 BASIC PART NUMBER**  
**RY85049/89**  
 M85049/89 type  
 45° banding backshell  
 (Supersedes MIL-C-85049/89)
- 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



Photo for example only

### RY85049/89 Compatibility

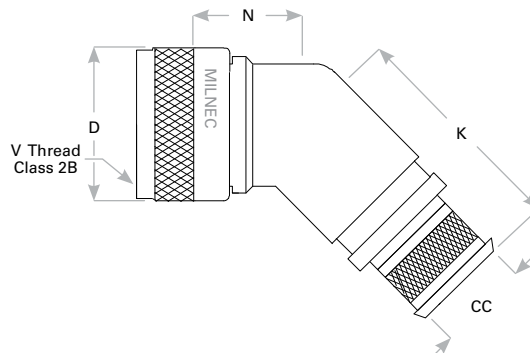
Compatible Connector Series

MIL-DTL-38999 Series III & IV EN3645

### RY85049/89 Dimensions

Shell Size	V Thread Class 2B	D Max	N Max	K Max	CC Cable Entry Size 02	CC Cable Entry Size 03
9	M12 X 1 - 6H	0.860 (21.8)	1.010 (25.7)	1.160 (29.5)	N/A	0.250 (6.4)
11	M15 X 1 - 6H	0.990 (25.1)	1.030 (26.2)	1.190 (30.2)	N/A	0.312 (7.9)
13	M18 X 1 - 6H	1.160 (29.5)	1.060 (26.9)	1.210 (30.7)	0.312 (7.9)	0.438 (11.1)
15	M22 X 1 - 6H	1.280 (32.5)	1.080 (27.4)	1.240 (31.5)	0.438 (11.1)	0.562 (14.3)
17	M25 X 1 - 6H	1.410 (35.8)	1.110 (28.2)	1.260 (32.0)	0.500 (12.7)	0.625 (15.9)
19	M28 X 1 - 6H	1.520 (38.6)	1.120 (28.4)	1.270 (32.3)	0.625 (15.9)	0.750 (19.1)
21	M31 X 1 - 6H	1.640 (41.7)	1.150 (29.2)	1.300 (33.0)	0.625 (15.9)	0.812 (20.6)
23	M34 X 1 - 6H	1.770 (45.0)	1.170 (29.7)	1.330 (33.8)	0.688 (17.5)	0.938 (23.8)
25	M37 X 1 - 6H	1.890 (48.0)	1.200 (30.5)	1.350 (34.3)	0.750 (19.1)	1.000 (25.4)

Dimensions are in inches (mm).



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