

# M85049/92 Type 90° Composite Strain Relief

Ry85049 Series • M85049 Type Backshells



Photo for example only

## RY85049/92 N 15 M

- 1 **BASIC PART NUMBER**  
**RY85049/92**  
M85049/92 type  
90° composite strain relief backshell  
(Supersedes MIL-C-85049/92)
- 2 **CONFIGURATION**  
**N** Non-detented  
(Use dash for detented)
- 3 **SHELL SIZE**  
See dimensions table below
- 4 **MATERIAL & FINISH**
  - J** Composite, olive drab cadmium (conductive)
  - M** Composite, electroless nickel (conductive)
  - T** Composite, without plating (non-conductive)
  - XC** Composite, nickel fluorocarbon polymer (conductive)
  - YC** Composite, pure dense electrodeposited aluminum (conductive)
  - ZC** Composite, black zinc-nickel (conductive)

## RY85049/92 Compatibility

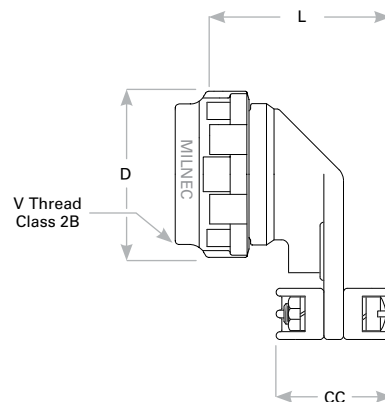
### Compatible Connector Series

MIL-DTL-38999 Series III & IV, EN3645

## RY85049/92 Dimensions

Shell Size	D Max	V Thread Class 2B	L Max	N Max	CC Cable Clearance
09	0.858 (21.8)	M12 X 1 - 6H	1.060 (26.9)	0.875 (22.2)	0.219 (5.6)
11	0.984 (25.0)	M15 X 1 - 6H	1.100 (27.9)	0.937 (23.8)	0.264 (6.7)
13	1.157 (29.4)	M18 X 1 - 6H	1.180 (30.0)	1.031 (26.2)	0.344 (8.7)
15	1.280 (32.5)	M22 X 1 - 6H	1.300 (33.0)	1.125 (28.6)	0.460 (11.7)
17	1.406 (35.7)	M25 X 1 - 6H	1.380 (35.1)	1.312 (33.3)	0.545 (13.8)
19	1.516 (38.5)	M28 X 1 - 6H	1.450 (36.8)	1.375 (34.9)	0.615 (15.6)
21	1.642 (41.7)	M31 X 1 - 6H	1.540 (39.1)	1.500 (38.1)	0.698 (17.7)
23	1.768 (44.9)	M34 X 1 - 6H	1.620 (41.1)	1.625 (41.3)	0.700 (17.8)
25	1.890 (48.0)	M37 X 1 - 6H	1.690 (42.9)	1.750 (44.5)	0.850 (21.6)

Dimensions are in inches (mm).



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