

M85049/91 Type Composite Strain Relief Backshell

Ry85049 Series • M85049 Type Backshells

Ry85049/91 N 15 M

- 1 **BASIC PART NUMBER**
RY85049/91
- 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)



Photo for example only

Ry85049/91 Compatibility

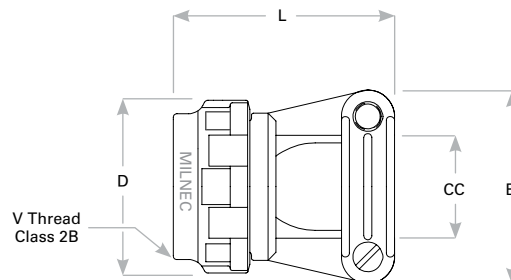
Compatible Connector Series

MIL-DTL-38999 Series III & IV, EN3645

Ry85049/91 Dimensions

| Shell Size | D Max | V Thread Class 2B | L Max | B Max | CC Cable Clearance |
|------------|--------------|-------------------|--------------|--------------|--------------------|
| 09 | 0.858 (21.8) | M12 X 1 - 6H | 0.840 (21.3) | 0.980 (24.9) | 0.219 (5.6) |
| 11 | 0.984 (25.0) | M15 X 1 - 6H | 0.960 (24.4) | 1.050 (26.7) | 0.264 (6.7) |
| 13 | 1.157 (29.4) | M18 X 1 - 6H | 1.100 (27.9) | 1.200 (30.5) | 0.344 (8.7) |
| 15 | 1.280 (32.5) | M22 X 1 - 6H | 1.100 (27.9) | 1.300 (33.0) | 0.460 (11.7) |
| 17 | 1.406 (35.7) | M25 X 1 - 6H | 1.230 (31.2) | 1.420 (36.1) | 0.545 (13.8) |
| 19 | 1.516 (38.5) | M28 X 1 - 6H | 1.410 (35.8) | 1.520 (38.6) | 0.615 (15.6) |
| 21 | 1.642 (41.7) | M31 X 1 - 6H | 1.510 (38.4) | 1.640 (41.7) | 0.698 (17.7) |
| 23 | 1.768 (44.9) | M34 X 1 - 6H | 1.660 (42.2) | 1.770 (45.0) | 0.700 (17.8) |
| 25 | 1.890 (48.0) | M37 X 1 - 6H | 1.760 (44.7) | 1.890 (48.0) | 0.850 (21.6) |

Dimensions are in inches (mm).



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