# M85049/53 Type Qwik-Ty Strain Relief Backshell

*RY85049 Series • M85049 Type Backshells*

Photo for example only

## RY85049/53 - 14 N

1 2 3 4

**1 BASIC PART NUMBER**

**RY85049/53**

M85049/53 type
Qwik-Ty strain relief backshell
(Supersedes MS3152)

**2 CONFIGURATION**

- Use dash for non-self-locking

**3 SHELL SIZE**

See dimensions table below

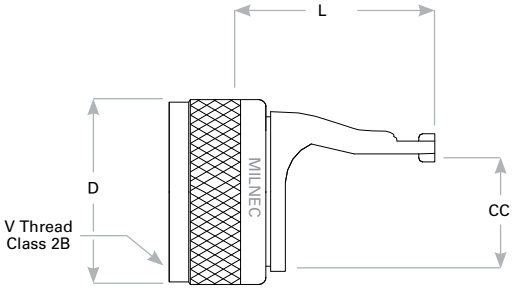
**4 MATERIAL & FINISH**

| | |
|---|---|
| **A** | Aluminum, black anodize |
| **N** | Aluminum, electroless nickel |
| **W** | Aluminum, olive drab cadmium |
| **X** | Aluminum, nickel fluorocarbon polymer |
| **Y** | Aluminum, pure dense electrodeposited aluminum |
| **Z** | Aluminum, zinc-nickel |

## RY85049/53 Compatibility

| Compatible Connector Series |
|---|
| AS50151 Series AS34001, MIL-DTL-26482 Series II, AS81703 Series III, MIL-DTL-83723 Series I and III, 40M39569, DEF 5326-3, EN2997 EN3646, ESC 10, ESC 11, LN 29504 NFC93422 Series HE302 PAN 6432-1, PAN 6432-2, PATT 602 |

## RY85049/53 Dimensions

| Shell Size | D Max | V Thread Class 2B | L Max | CC Cable Entry |
|---|---|---|---|---|
| 03 | 0.780 (19.8) | 0.562 - 24 UNEF | 0.903 (22.9) | 0.260 (6.6) |
| 08 | 0.660 (16.8) | 0.500 - 20 UNF | 0.903 (22.9) | 0.260 (6.6) |
| 10 | 0.780 (19.8) | 0.625 - 24 UNEF | 0.903 (22.9) | 0.365 (9.3) |
| 12 | 0.940 (23.9) | 0.750 - 20 UNEF | 0.903 (22.9) | 0.501 (12.7) |
| 14 | 1.050 (26.7) | 0.875 - 20 UNEF | 0.973 (24.7) | 0.575 (14.6) |
| 16 | 1.240 (31.5) | 1.000 - 20 UNEF | 0.973 (24.7) | 0.700 (17.8) |
| 18 | 1.380 (35.1) | 1.062 - 18 UNEF | 0.973 (24.7) | 0.779 (19.8) |
| 20 | 1.500 (38.1) | 1.188 - 18 UNEF | 1.259 (32.0) | 0.904 (23.0) |
| 22 | 1.630 (41.4) | 1.313 - 18 UNEF | 1.379 (35.0) | 1.029 (26.1) |
| 24 | 1.750 (44.5) | 1.438 - 18 UNEF | 1.509 (38.3) | 1.144 (29.1) |
| 28 | 1.970 (50.0) | 1.750 - 18 UNS | 1.509 (38.3) | 1.379 (35.0) |

Dimensions are in inches (mm).