

M85049/55 Type 90° Qwik-Ty Strain Relief Backshell

Ry85049 Series • M85049 Type Backshells



Photo for example only

RY85049/55 S 14 N

1 2 3 4

1 BASIC PART NUMBER

RY85049/55

M85049/55 type

90° Qwik-Ty strain relief backshell

(Supersedes MS3154)

2 CONFIGURATION

G Non-self-locking with ground lug

H Non-detented with ground lug

N Non-detented, self-locking

S Detented, self-locking

T Detented, self-locking with ground lug

(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

RY85049/55 Compatibility

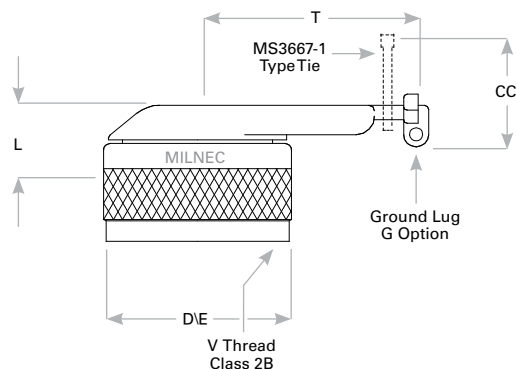
Compatible Connector Series

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

RY85049/55 Dimensions

Shell Size	D Max Non-Self-Locking	E Max Self-Locking	V Thread Class 2B	L Max	T Max	CC Cable Entry
03	0.780 (19.8)	1.010 (25.7)	0.562 - 24 UNEF	0.730 (18.5)	1.290 (32.8)	0.260 (6.6)
08	0.660 (16.8)	0.890 (22.6)	0.500 - 20 UNF	0.730 (18.5)	1.290 (32.8)	0.260 (6.6)
10	0.780 (19.8)	1.010 (25.7)	0.625 - 24 UNEF	0.730 (18.5)	1.290 (32.8)	0.365 (9.3)
12	0.940 (23.9)	1.140 (29.0)	0.750 - 20 UNEF	0.730 (18.5)	1.620 (41.1)	0.501 (12.7)
14	1.050 (26.7)	1.260 (32.0)	0.875 - 20 UNEF	0.730 (18.5)	1.660 (42.2)	0.575 (14.6)
16	1.240 (31.5)	1.390 (35.3)	1.000 - 20 UNEF	0.730 (18.5)	1.720 (43.7)	0.700 (17.8)
18	1.380 (35.1)	1.510 (38.4)	1.062 - 18 UNEF	0.730 (18.5)	1.720 (43.7)	0.779 (19.8)
20	1.500 (38.1)	1.640 (41.7)	1.188 - 18 UNEF	0.750 (19.1)	1.790 (45.5)	0.904 (23.0)
22	1.630 (41.4)	1.760 (44.7)	1.313 - 18 UNEF	0.750 (19.1)	1.850 (47.0)	1.029 (26.1)
24	1.750 (44.5)	1.890 (48.0)	1.438 - 18 UNEF	0.750 (19.1)	1.910 (48.5)	1.144 (29.1)
28	1.970 (50.0)	2.140 (54.4)	1.750 - 18 UNS	0.750 (19.1)	2.060 (52.3)	1.379 (35.0)

Dimensions are in inches (mm).



Rev. 1825