

M85049/47 Type 90° Strain Relief Backshell

RY85049 Series • M85049 Type Backshells



RY85049/47 Compatibility

Compatible Connector Series
MIL-DTL-38999 Series I & II

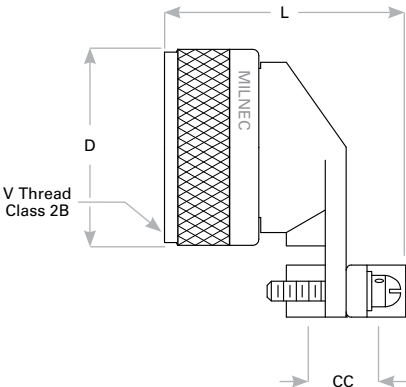
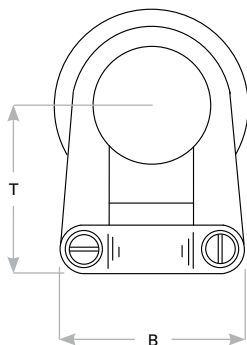
RY85049/47 S N 12

- BASIC PART NUMBER**
RY85049/47
M85049/47 type
90° strain relief backshell
(Supersedes MS27507)
- COUPLING STYLE**
N Non-detented
S Self-locking
(Omit for non-self-locking)
- MATERIAL & FINISH**
N Aluminum, electroless nickel
S Stainless steel, passivated
W Aluminum, olive drab cadmium
- DASH NO.**
See Dimensions table below

RY85049/47 Dimensions

Dash No.	Shell Size Ref.	D Max	L Max	V Thread Class 2B	T	B	CC Cable Clearance	
							Min	Max
8	8/9	0.860 (21.8)	1.380 (35.1)	0.438 - 28 UNEF	1.000 (25.4)	0.850 (21.6)	0.098 (2.5)	0.234 (5.9)
10	10/11	0.980 (24.9)	1.380 (35.1)	0.562 - 24 UNEF	1.100 (27.9)	0.900 (22.9)	0.153 (3.9)	0.234 (5.9)
12	12/13	1.160 (29.5)	1.460 (37.1)	0.688 - 24 UNEF	1.100 (27.9)	1.100 (27.9)	0.190 (4.8)	0.328 (8.3)
14	14/15	1.280 (32.5)	1.630 (41.4)	0.813 - 20 UNEF	1.250 (31.8)	1.150 (29.2)	0.260 (6.6)	0.457 (11.6)
16	16/17	1.410 (35.8)	1.800 (45.7)	0.938 - 20 UNEF	1.300 (33.0)	1.300 (33.0)	0.283 (7.2)	0.614 (15.6)
18	18/19	1.520 (38.6)	1.820 (46.2)	1.063 - 18 UNEF	1.350 (34.3)	1.500 (38.1)	0.325 (8.3)	0.634 (16.1)
20	20/21	1.640 (41.7)	1.900 (48.3)	1.188 - 18 UNEF	1.600 (40.6)	1.600 (40.6)	0.343 (8.7)	0.698 (17.7)
22	22/23	1.770 (45.0)	2.040 (51.8)	1.313 - 18 UNEF	1.750 (44.5)	1.700 (43.2)	0.381 (9.7)	0.823 (20.9)
24	24/25	1.890 (48.0)	2.150 (54.6)	1.438 - 18 UNEF	1.850 (47.0)	1.800 (45.7)	0.418 (10.6)	0.853 (21.7)

Dimensions are in inches (mm).



Rev. 1825