

M85049/76 Type 90° EMI/RFI Env. Backshell

RY85049 Series • M85049 Type Backshells



RY85049/76 - 12 N 04

- 1 **BASIC PART NUMBER**
RY85049/76
M85049/76 type
90° EMI/RFI environmental backshell
(Supersedes MIL-C-85049/76)
- 2 **DASH NO.**
See Dimensions table below
- 3 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium over electroless nickel
X Aluminum, nickel fluorocarbon polymer
Z Aluminum, black zinc-nickel
- 4 **CLAMP SIZE**
See Clamp Size table below

RY85049/76 Compatibility

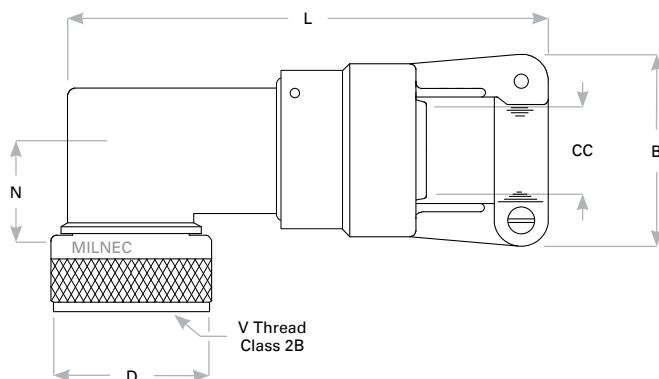
Compatible Connector Series

MIL-DTL-38999 Series I & II

RY85049/76 Dimensions

Dash No.	Shell Size Series I Ref	Shell Size Series II Ref	D Max	V Thread Class 2B	N	L	Clamp Size	
							Min	Max
08	9	8	0.750 (19.1)	0.438 - 28 UNEF	0.532 (13.5)	3.267 (83.0)	01	02
10	11	10	0.850 (21.6)	0.562 - 24 UNEF	0.627 (15.9)	3.387 (86.0)	01	03
12	13	12	1.000 (25.4)	0.688 - 24 UNEF	0.642 (16.3)	3.407 (86.5)	02	04
14	15	14	1.150 (29.2)	0.813 - 20 UNEF	0.719 (18.3)	3.477 (88.3)	02	05
16	17	16	1.250 (31.8)	0.938 - 20 UNEF	0.774 (19.7)	3.567 (90.6)	02	06
18	19	18	1.400 (35.6)	1.063 - 18 UNEF	0.854 (21.7)	3.737 (94.9)	03	07
20	21	20	1.550 (39.4)	1.188 - 18 UNEF	0.899 (22.8)	3.737 (94.9)	03	08
22	23	22	1.650 (41.9)	1.313 - 18 UNEF	1.009 (25.6)	3.847 (97.7)	03	09
24	25	24	1.850 (47.0)	1.438 - 18 UNEF	1.024 (26.0)	3.847 (97.7)	04	10

Dimensions are in inches (mm).



RY85049/76 Clamp Size

Clamp Size	B	CC Cable Range	
		Min	Max
01	0.800 (20.3)	0.062 (1.6)	0.125 (3.2)
02	1.000 (25.4)	0.125 (3.2)	0.250 (6.4)
03	1.100 (27.9)	0.250 (6.4)	0.375 (9.5)
04	1.200 (30.5)	0.375 (9.5)	0.500 (12.7)
05	1.250 (31.8)	0.500 (12.7)	0.625 (15.9)
06	1.400 (35.6)	0.625 (15.9)	0.750 (19.1)
07	1.500 (38.1)	0.750 (19.1)	0.875 (22.2)
08	1.650 (41.9)	0.875 (22.2)	1.000 (25.4)
09	1.750 (44.5)	1.000 (25.4)	1.125 (28.6)
10	1.900 (48.3)	1.125 (28.6)	1.250 (31.8)

Rev. 1825