

M85049/96 Type 1/4 Perimeter Mounting Flange

RY85049 Series • M85049 Type Backshells

RY85049/96 - 12A - A

- 1 **BASIC PART NUMBER**
RY85049/96
M85049/96 type
1/4 perimeter mounting flange
(Supersedes MIL-C-88528/3)
- 2 **SHELL SIZE & CLASS**
See dimensions table below
- 3 **MATERIAL & FINISH**
A Primer coat required

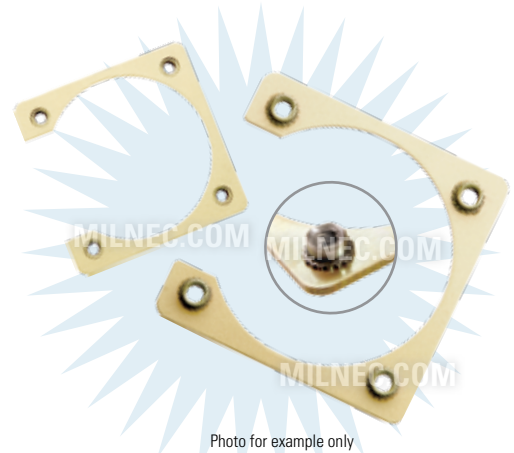


Photo for example only

RY85049/96 Compatibility

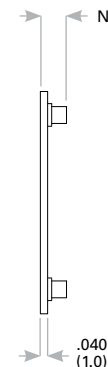
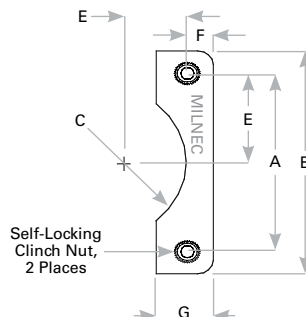
Compatible Connector Series

Supersedes MIL-C-88528/3

RY85049/96 Dimensions

Shell Size	A	B	V Thread UNJC-3B	C	D	E	F	G
3	0.625 (15.9)	0.925 (23.5)	4-40	0.300 (7.6)	0.136 (3.5)	.312 (7.9)	.150 (3.8)	.310 (7.9)
7	0.719 (18.3)	1.016 (25.8)	4-40	0.298 (7.6)	0.136 (3.5)	.359 (9.1)	.149 (3.8)	.308 (7.8)
8	0.594 (15.1)	0.891 (22.6)	4-40	0.296 (7.5)	0.136 (3.5)	.297 (7.5)	.148 (3.8)	.306 (7.8)
10	0.719 (18.3)	1.016 (25.8)	4-40	0.298 (7.6)	0.136 (3.5)	.359 (9.1)	.149 (3.8)	.308 (7.8)
12	0.812 (20.6)	1.109 (28.2)	4-40	0.296 (7.5)	0.136 (3.5)	.406 (10.3)	.148 (3.8)	.306 (7.8)
14	0.906 (23.0)	1.203 (30.6)	4-40	0.296 (7.5)	0.136 (3.5)	.453 (11.5)	.148 (3.8)	.306 (7.8)
16	0.969 (24.6)	1.266 (32.2)	4-40	0.298 (7.6)	0.136 (3.5)	.484 (12.3)	.149 (3.8)	.308 (7.8)
18	1.062 (27.0)	1.390 (35.3)	4-40	0.328 (8.3)	0.136 (3.5)	.531 (13.5)	.164 (4.2)	.338 (8.6)
19	0.906 (23.0)	1.203 (30.6)	4-40	0.296 (7.5)	0.136 (3.5)	.453 (11.5)	.148 (3.8)	.306 (7.8)
20	1.156 (29.4)	1.510 (38.4)	4-40	0.354 (9.0)	0.136 (3.5)	.578 (14.7)	.177 (4.5)	.364 (9.3)
22	1.250 (31.8)	1.640 (41.7)	4-40	0.390 (9.9)	0.136 (3.5)	.625 (15.9)	.195 (5.0)	.400 (10.2)
24	1.375 (34.9)	1.760 (44.7)	6-32	0.386 (9.8)	0.153 (3.9)	.687 (17.5)	.193 (4.9)	.396 (10.1)
25	1.500 (38.1)	1.859 (47.2)	6-32	0.358 (9.1)	0.153 (3.9)	.750 (19.1)	.179 (4.6)	.368 (9.4)
27	0.969 (24.6)	1.266 (32.2)	4-40	0.298 (7.6)	0.136 (3.5)	.484 (12.3)	.149 (3.8)	.308 (7.8)
28	1.562 (39.7)	2.000 (50.8)	6-32	0.438 (11.1)	0.153 (3.9)	.781 (19.8)	.219 (5.6)	.448 (11.4)
32	1.750 (44.5)	2.312 (58.7)	6-32	0.562 (14.3)	0.153 (3.9)	.875 (22.2)	.281 (7.1)	.572 (14.5)
36	1.938 (49.2)	2.500 (63.5)	6-32	0.562 (14.3)	0.153 (3.9)	.969 (24.6)	.281 (7.1)	.572 (14.5)
37	1.187 (30.1)	1.500 (38.1)	4-40	0.314 (8.0)	0.136 (3.5)	.593 (15.1)	.157 (4.0)	.324 (8.2)
61	1.437 (36.5)	1.812 (46.0)	4-40	0.376 (9.6)	0.136 (3.5)	.718 (18.2)	.188 (4.8)	.386 (9.8)

Dimensions are in inches (mm).



Rev. 1825