

MIL-DTL-38999 Series I Type M85049 Nut plate

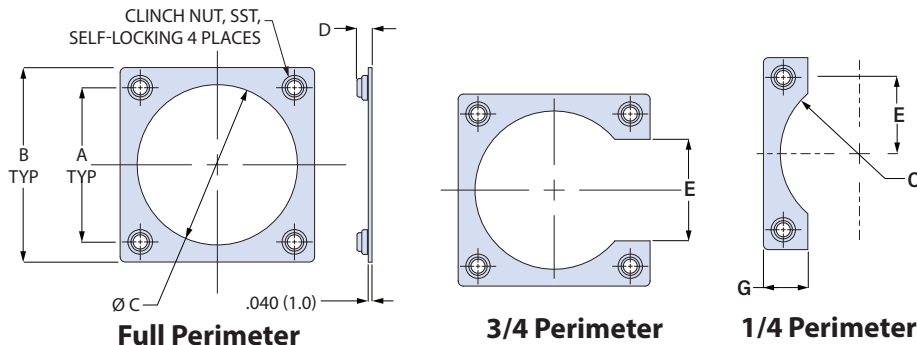
BACKSHELLS AND ACCESSORIES



Nut Plate with Chem Film



Nut Plate with Epoxy Primer



FEATURES

- M85049 nut plates fit MIL-DTL-38999 Series I, III, and IV connector receptacles with square flanges.
- Nut plates eliminate loose lockwashers and nuts for faster installation time and prevention of dropped hardware in hard-to-reach areas. Two finishes are available: chem film or epoxy primer. Passivated stainless steel clinch nuts, 6061 aluminum alloy plate.

FULL PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS

Shell Size	Part Number		A ± .015 (0.4)	B Max	ØC Min	D Max	Threads UNJC-3B
	Chem Film	Epoxy Primer					
9 (A)	M85049/94-10	M85049/94-10-A	.719 (18.26)	1.034 (26.26)	.685 (17.40)	.166 (4.22)	4-40
11 (B)	M85049/94-12	M85049/94-12-A	.812 (20.62)	1.119 (28.42)	.820 (20.83)	.166 (4.22)	4-40
13 (C)	M85049/94-14	M85049/94-14-A	.906 (23.01)	1.213 (30.81)	.945 (24.00)	.166 (4.22)	4-40
15 (D)	M85049/94-16	M85049/94-16-A	.969 (24.61)	1.295 (32.89)	1.070 (27.18)	.166 (4.22)	4-40
17 (E)	M85049/94-18	M85049/94-18-A	1.062 (26.97)	1.421 (36.09)	1.195 (30.35)	.166 (4.22)	4-40
19 (F)	M85049/94-20	M85049/94-20-A	1.156 (29.36)	1.550 (39.37)	1.320 (33.53)	.166 (4.22)	4-40
21 (G)	M85049/94-22	M85049/94-22-A	1.250 (31.75)	1.680 (42.67)	1.440 (36.58)	.166 (4.22)	4-40
23 (H)	M85049/94-24	M85049/94-24-A	1.375 (34.92)	1.800 (45.72)	1.570 (39.88)	.183 (4.65)	6-32
25 (J)	M85049/94-25	M85049/94-25-A	1.500 (38.10)	1.910 (48.51)	1.643 (41.73)	.183 (4.65)	6-32

3/4 PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS

Shell Size	Part Number		A ± .005 (0.1)	B Max	ØC Min	D Max	E ± .030 (0.8)	Threads UNJC-3B
	Chem Film	Epoxy Primer						
9 (A)	M85049/95-10A	M85049/95-10A-A	.719 (18.26)	1.034 (26.26)	.705 (17.91)	.166 (4.22)	.433 (11.00)	4-40
11 (B)	M85049/95-12A	M85049/95-12A-A	.812 (20.62)	1.119 (28.42)	.840 (21.34)	.166 (4.22)	.530 (13.46)	4-40
13 (C)	M85049/95-14A	M85049/95-14A-A	.906 (23.01)	1.213 (30.81)	.969 (24.61)	.166 (4.22)	.624 (15.85)	4-40
15 (D)	M85049/95-16A	M85049/95-16A-A	.969 (24.61)	1.295 (32.89)	1.079 (27.41)	.166 (4.22)	.687 (17.45)	4-40
17 (E)	M85049/95-18A	M85049/95-18A-A	1.062 (26.97)	1.421 (36.09)	1.205 (30.61)	.166 (4.22)	.780 (19.81)	4-40
19 (F)	M85049/95-20A	M85049/95-20A-A	1.156 (29.36)	1.550 (39.37)	1.330 (33.78)	.166 (4.22)	.874 (22.20)	4-40
21 (G)	M85049/95-22A	M85049/95-22A-A	1.250 (31.75)	1.680 (42.67)	1.463 (37.16)	.166 (4.22)	.968 (24.59)	4-40
23 (H)	M85049/95-24B	M85049/95-24B-A	1.375 (34.92)	1.800 (45.72)	1.580 (40.13)	.183 (4.65)	1.031 (26.19)	6-32
25 (J)	M85049/95-25A	M85049/95-25A-A	1.500 (38.10)	1.906 (48.41)	1.643 (41.73)	.183 (4.65)	1.125 (28.58)	6-32

1/4 PERIMETER NUT PLATES FOR MIL-DTL-38999 SERIES I, III, AND IV CONNECTORS

Shell Size	Part Number		A ± .005 (0.1)	B Max	C Min	D Max	E ± .005 (0.1)	G Max	Threads UNJC-3B
	Chem Film	Epoxy Primer							
9 (A)	M85049/96-10	M85049/96-10-A	.719 (18.26)	1.034 (26.26)	.344 (8.74)	.166 (4.22)	.359 (9.12)	.308 (7.82)	4-40
11 (B)	M85049/96-12	M85049/96-12-A	.812 (20.62)	1.124 (28.55)	.410 (10.41)	.166 (4.22)	.406 (10.31)	.306 (7.77)	4-40
13 (C)	M85049/96-14	M85049/96-14-A	.906 (23.01)	1.218 (30.94)	.492 (12.50)	.166 (4.22)	.453 (11.51)	.306 (7.77)	4-40
15 (D)	M85049/96-16	M85049/96-16-A	.969 (24.61)	1.295 (32.89)	.532 (13.51)	.166 (4.22)	.484 (12.29)	.308 (7.82)	4-40
17 (E)	M85049/96-18	M85049/96-18-A	1.062 (26.97)	1.405 (35.69)	.610 (15.49)	.166 (4.22)	.531 (13.49)	.338 (8.59)	4-40
19 (F)	M85049/96-20	M85049/96-20-A	1.156 (29.36)	1.550 (39.37)	.657 (16.69)	.166 (4.22)	.578 (14.68)	.364 (9.25)	4-40
21 (G)	M85049/96-22	M85049/96-22-A	1.250 (31.75)	1.680 (42.67)	.724 (18.39)	.166 (4.22)	.625 (15.88)	.400 (10.16)	4-40
23 (H)	M85049/96-24	M85049/96-24-A	1.375 (34.92)	1.800 (45.72)	.782 (19.86)	.183 (4.65)	.687 (17.45)	.396 (10.06)	6-32
25 (J)	M85049/96-25	M85049/96-25-A	1.500 (38.10)	1.906 (48.41)	.814 (20.68)	.183 (4.65)	.750 (19.05)	.368 (9.35)	6-32