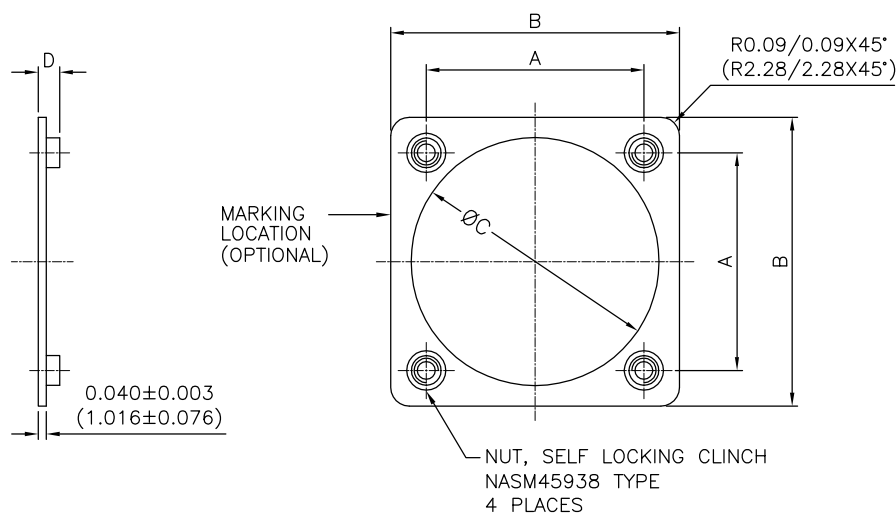


For flange mount receptacle



MIL PART NUMBER

M85049/ 94 - 14 - A

Basic part number _____
 Specification sheet _____
 Dash number (See table A) _____
 Finish _____
 A-Polyamide primer coating
 as per MIL-PRF-23377 type 1
 Omit for chemical conversion coating
 per MIL-DTL-5541 Class 1A

TABLE - A

DASH NO	THREAD UNJC-3B	A ±0.015(±0.38)		B MAX		ØC		D	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	4-40	0.594	15.09	0.900	22.86	0.555/0.585	14.10/14.86	0.106/0.166	2.69/4.22
10	4-40	0.719	18.26	1.034	26.26	0.685/0.735	17.40/18.67	0.106/0.166	2.69/4.22
12	4-40	0.812	20.62	1.119	28.42	0.820/0.860	20.83/21.84	0.106/0.166	2.69/4.22
14	4-40	0.906	23.01	1.213	30.81	0.945/0.990	24.00/25.15	0.106/0.166	2.69/4.22
16	4-40	0.969	24.61	1.295	32.89	1.070/1.100	27.18/27.94	0.106/0.166	2.69/4.22
18	4-40	1.062	26.97	1.421	36.09	1.195/1.225	30.35/30.99	0.106/0.166	2.69/4.22
20	4-40	1.156	29.36	1.550	39.37	1.320/1.350	33.53/34.29	0.106/0.166	2.69/4.22
22	4-40	1.250	31.75	1.680	42.67	1.440/1.485	36.58/37.72	0.106/0.166	2.69/4.22
24	6-32	1.375	34.93	1.800	45.72	1.570/1.600	39.88/40.64	0.123/0.183	3.12/4.65
25	6-32	1.500	38.10	1.910	48.51	1.643/1.673	41.73/42.49	0.123/0.183	3.12/4.65

For flange mount receptacle

MATERIAL-

Perimeter plate - Aluminium alloy as per ASTM B 209 alloy 5052-H32/2024-T3

Clinch nut - Stainless steel as per AMS 5640 type1 (SS303)

TABLE B - MOUNTING FLANGE CONNECTOR APPLICATION DATA

TABLE B - MOUNTING FLANGE CONNECTOR APPLICATION DATA						
DASH NO/CLASS	MIL-DTL-38999				AS50151	AS81703 SERIES 3
	SERIES I	SERIES II	SERIES III	SERIES IV		
	CONNECTOR SHELL SIZE					
8		8			8S	
10	9	10	9(A)		10SL	7
12	11	12	11(B)	11(B)	12, 12S	12
14	13	14	13(C)	13(C)	14, 14S	19
16	15	16	15(D)	15(D)	16, 16S	27
18	17	18	17(E)	17(E)	18	
20	19	20	19(F)	19(F)	20	
22	21	22	21(G)	21(G)	22	
24	23	24	23(H)	23(H)	24	
25	25		25(J)	25(J)		

TABLE B - MOUNTING FLANGE CONNECTOR APPLICATION DTA (CONTINUED)

DASH NO/CLASS	MIL-DTL-26482 SERIES 1 & 2	MIL-DTL-83723 SERIES III	MIL-DTL-26500 NAS 1599	MIL-C-81511	MIL-DTL-27599
	CONNECTOR SHELL SIZE				
8	8	8	8	8	8
10	10	10	10	10	10
12	12	12	12		12
14	14	14	14	14	14
16	16	16	16	16	16
18	18	18	18	18	18
20	20	20	20	20	20
22	22	22	22	22	22
24	24	24	24	24	24
25					