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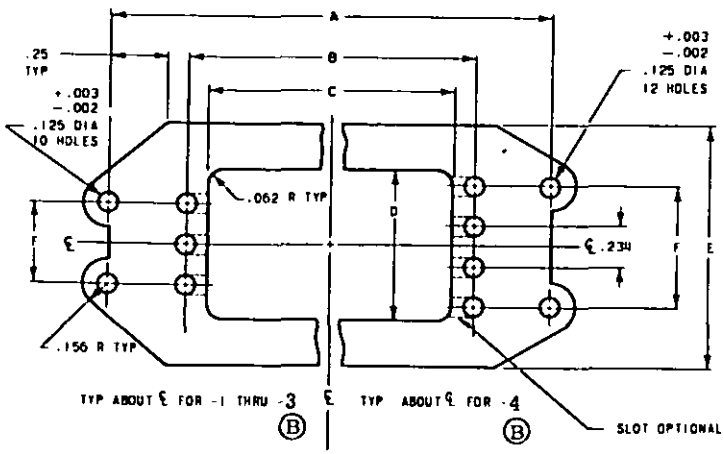

INCHES	MM
.002	.05
.003	.08
.005	.13
.016	.41
.062	1.57
.125	3.18
.156	3.96
.234	5.94
.25	6.35
.468	11.89
.750	19.05
.766	19.46
1.109	28.17
1.328	33.73
1.438	36.53
1.453	36.91
1.687	42.85
1.750	44.45
1.797	45.64
2.000	50.80
2.031	51.60
2.281	57.94
2.703	68.66
3.106	78.89
3.422	86.92

MS PART NO.	CONNECTOR SIZE (NO. OF CONTACTS)	A ±.005	B ±.005	C ø	D	E	F ±.005
MS18199-1	34	2.703	1.687	1.438	0.750	1.328	0.468
-2	42	3.016	2.000	1.750	0.750	1.328	0.468
-3	50	3.422	2.281	2.031	0.750	1.453	0.468
-4	75	3.422	2.281	2.031	1.109	1.797	0.766

DESIGN STANDARD FOR USE WITH MIL-C-28748 CONNECTORS.

NOTES:
1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is ±.016 (.41 mm).
3. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
4. Material: Aluminum alloy per specification QQ-A-250/8, temper H-32, .040 (1.02 mm) thick.
5. Finish: Anodize per specification MIL-A-8625, type I or type II.
6. Referenced documents shall be of the issue in effect on date of invitation for bid.
7. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

Ⓑ denotes changes

APPROVED 20 Dec. 1965 REVISED (A) 20 May 1970 Ⓑ 23 June 1972

User activities: Army ME, AM, WC
Navy MC, OS
Air Force

Reviewer activities: Army MI, AT
Navy AS, SH
Air Force 11
DSA-ES

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. Navy - EC Other Cust AF-80 Army - EL	International Interest	TITLE PLATE, RETAINING, RECEPTACLE ELECTRICAL CONNECTOR FOR 34, 42, 50 AND 75 CONTACT CONNECTORS	MILITARY STANDARD MS 18199
Procurement Specification MIL-C-28748		SUPERSEDES:	Page 1 OF 1

DD FORM 1 Sep 63 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-1822-48