

APPROVED 1 Apr 71. REVISED (A) 5 SEPT 1975 (B) 31 July 1978

TABLE I. Reduced diameter (XX).

Shell size	Insert arrangements	Contact cavities
8	-33 & -98	A, B, C.
12	-10	C, G.
14	-12	A, B, C, D, E, F, G, H.
14	-18	A, C, E, G, J, L.
14	-19	B, D, F, H, K, M.
16	-26	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R.
18	-32	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T.
22	-41	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T, U, V, W, X, Y.

Connector part numbering:

MS3442 H 24 C 61 P W

MS number _____

Class _____

Shell size _____

Termination type and shell material _____

Insert arrangement _____

Contact style _____

Insert position _____

TABLE II.

Shell size	A	B	C	D	F	G	H	J	L	P	V	Panel cutout dia	Max weight (lbs)
8	1.065	.734	.563/.557	.403	.598/.578	.078/.046	.150	.125/.105	.801	.178/.118	.248 .188	.570	To be supplied in position as per revision
10	1.141	.812	.673/.667	.515								.660	
12	1.268	.918	.782/.776	.630								.769	
14	1.360	1.031	.907/.901	.755								.814	
16	1.453	1.125	1.032/.1.026	.850								1.038	
18	1.532	1.203	1.157/.1.151	.980	.598/.578	.078/.046		.125/.105	.801			1.164	
20	1.648	1.397	1.251/.1.245	1.105	.660/.640	.110/.078		.093/.073	.863	.178/.118	.248 .188	1.258	
22	1.768	1.515	1.376/.1.370	1.230	.660/.640	.110/.078		.125/.105	.895	.146/.086	.216 .156	1.383	
24	1.897	1.500	1.501/.1.495	1.385	.660/.640	.110/.078	.150	.125/.105	.895	.146/.086	.216 .156	1.508	

P.A Navy - AS

International
InterestTITLE CONNECTORS, RECEPTACLE,
ELECTRIC, SERIES 2, WIDE FLANGE
MOUNTING, BAYONET COUPLING, SOLDER
PIN CONTACT, CLASS H

MILITARY STANDARD

Other Caut
Army - EL
AF - 85

MS 3442

Procurement Specification
MIL-C-26482

SUPERSEDES:

MS3442 (NAVY)

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DD FORM 672
1 SEP 63

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-3006-12

User activities: Army, AV
Navy
Air ForceReviewer activities: Army, AR, SH
Navy, EC, SH
Air Force, 11, 17, 99

This military standard is approved 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 when applicable.

APPROVED 1 Apr 71 REVISED (A) Entire standard revised (B) For changes see pages 1 & 3

FED. SUP CLASS
5935

Cont size	X	Y	Z	AA	BB
20	.041/.039	.088/.061	.048/.042	.188/.109	.110/.068
16	.0635/.0615	.116/.098	.075/.069	.251/.172	.141/.109
12	.095/.093	.150/.130	.122/.112	.251/.172	.141/.109

INCHES	MM	INCHES	MM	INCHES	MM
.0025	.064	.150	3.81	.914	23.22
.010	.25	.156	3.96	.938	23.83
.016	.41	.172	4.37	1.026	26.06
.018	.46	.178	4.52	1.031	26.19
.022	.56	.188	4.78	1.032	26.21
.039	.99	.216	5.49	1.039	26.39
.041	1.04	.248	6.30	1.065	27.05
.042	1.07	.251	6.38	1.105	28.07
.046	1.17	.403	10.24	1.125	28.58
.048	1.22	.515	13.08	1.141	28.98
.061	1.55	.557	14.15	1.151	29.24
.0615	1.562	.563	14.30	1.157	29.39
.0635	1.613	.570	14.48	1.164	29.57
.068	1.73	.578	14.68	1.203	30.56
.069	1.75	.580	14.73	1.230	31.24
.073	1.85	.598	15.19	1.245	31.62
.075	1.90	.630	16.00	1.251	31.78
.078	1.98	.640	16.26	1.258	31.95
.086	2.18	.660	16.76	1.266	32.16
.088	2.24	.667	16.94	1.297	32.94
.093	2.36	.673	17.09	1.360	34.54
.095	2.41	.680	17.27	1.375	34.92
.096	2.44	.734	18.64	1.376	34.95
.105	2.67	.755	19.18	1.383	35.13
.109	2.77	.776	19.71	1.385	35.18
.110	2.79	.782	19.86	1.453	36.91
.112	2.84	.789	20.04	1.495	37.97
.116	2.95	.801	20.35	1.500	38.10
.118	3.00	.812	20.62	1.501	38.13
.125	3.18	.863	21.92	1.508	38.30
.130	3.30	.880	22.35	1.532	38.91
.141	3.58	.901	22.89	1.766	44.86
.146	3.71	.907	23.04	1.891	48.03

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Tolerances shall be .XX ±.01, .XXX ±.005, angular ±1° and X°X' ±30'.
4. Polarizing stripe, color optional.
5. Insert arrangements requiring reduced diameters for raised seal barriers on outer row of contact cavities as indicated. (See table 1).
6. True position tolerances specified are in accordance with ANSI Y14.5-1973.
7. For insert arrangement see MIL-STD-1669.
8. Interchangeability dimensions shall be in accordance with MIL-C-26482.
9. Shell material: Cold rolled steel per QQ-S-637.
10. Shell finish: .0001 minimum tin per MIL-T-10727 over nickel per QQ-N-290.
11. The complete requirements for procuring this connector described herein shall consist of this document and the issue in effect of MIL-C-26482.
12. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
13. Referenced documents shall be of the issue in effect on date of invitations for bid.

P.A. Navy - AS	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, WIDE FLANGE MOUNTING, BAYONET COUPLING, SOLDER PIN CONTACT, CLASS H	MILITARY STANDARD
Other Cust Army - EL AF - 85			MS 3442
Procurement Specification MIL-C-26482	SUPERSEDES:	MS3442 (NAVY)	PAGE 3 OF 3

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