

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.

Reviewer activities: Army MU, MI, EL
Navy EC, SH
Air Force 11, 17

User activities: Army AV
Navy
Air Force

<p>P.A Navy - AS</p> <p>Other Cust Army - EL AF - 85</p> <p>Procurement Specification MIL-C-26482</p>		<p>International interest</p>	<p>TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, SOLDER FLANGE MOUNT, BAYONET COUPLING, SOLDER PIN CONTACT CLASS H</p> <p>SUPERSEDES: MS3443 (NAVY)</p>	<p>MILITARY STANDARD</p> <p>MS 3443</p> <p>SHEET 1 OF 3</p>
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DD FORM 672
1 SEP 63
(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5835-1947-27

APPROVED 1 Apr 71 REVISED (A) 5 SEPT 1975

FED. SUP CLASS 5835

(A) Entire standard revised

RESILIENT INSERT FACE SEAL
FUSED VITREOUS INSULATOR
MASTER KEYWAY
POLARIZING STRIPE
MASTER POLARIZING KEYWAY

ENGAGING END OF CONTACTS
TERMINATION END OF CONTACTS
PANEL CUTOUT
SOLDER POT

FED. SUP CLASS
5935

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:

MS3443 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	C	D	F	J	K	L	P	V	Max weight (lbs)
8	.635/.615	.563/.557	.403	.598/.578	.156/.116	.570	.801	.178/.118	.248/.188	.0310
10	.760/.740	.673/.667	.515			.680				.0340
12	.854/.834	.782/.776	.630			.789				.0400
14	.979/.959	.907/.901	.755			.914				.0510
16	1.104/1.084	1.032/1.026	.880			1.039				.0620
18	1.228/1.208	1.157/1.151	.980	.598/.578		1.164	.801			.0820
20	1.322/1.302	1.251/1.245	1.105	.660/.640	.156/.116	1.258	.863	.178/.118	.248/.188	.1000
22	1.448/1.428	1.376/1.370	1.230	.660/.640	.188/.148	1.383	.895	.146/.086	.216/.156	.1150
24	1.574/1.554	1.501/1.495	1.385	.660/.640	.188/.148	1.508	.895	.146/.086	.216/.156	.2680

P.A Navy - AS

International interest

TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, SOLDER PLATED MOUNT, BAYONET COUPLING, SOLDER PIN CONTACT CLASS H

MILITARY STANDARD

Other Cost
Army - EL
AF - 85

MS 3443

Procurement Specification
MIL-C-26482

SUPERSEDES:

MS3443 (NAVY)

SHEET 2 OF 3

DD FORM 1 SEP 63 672

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Cont size	BB	CC	DD	HH	KK
20	.041/.039	.088/.061	.048/.042	.188/.109	.110/.068
16	.0635/.0615	.116/.096	.075/.069	.251/.172	.141/.109
12	.095/.093	.150/.130	.122/.112	.251/.172	.141/.109

NOTES:

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

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Other Cust Army - EL AF - 85			MS 3443
Procurement Specification MIL-C-26482	SUPERSEDES:	MS3443 (NAVY)	SHEET 3 OF 3

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