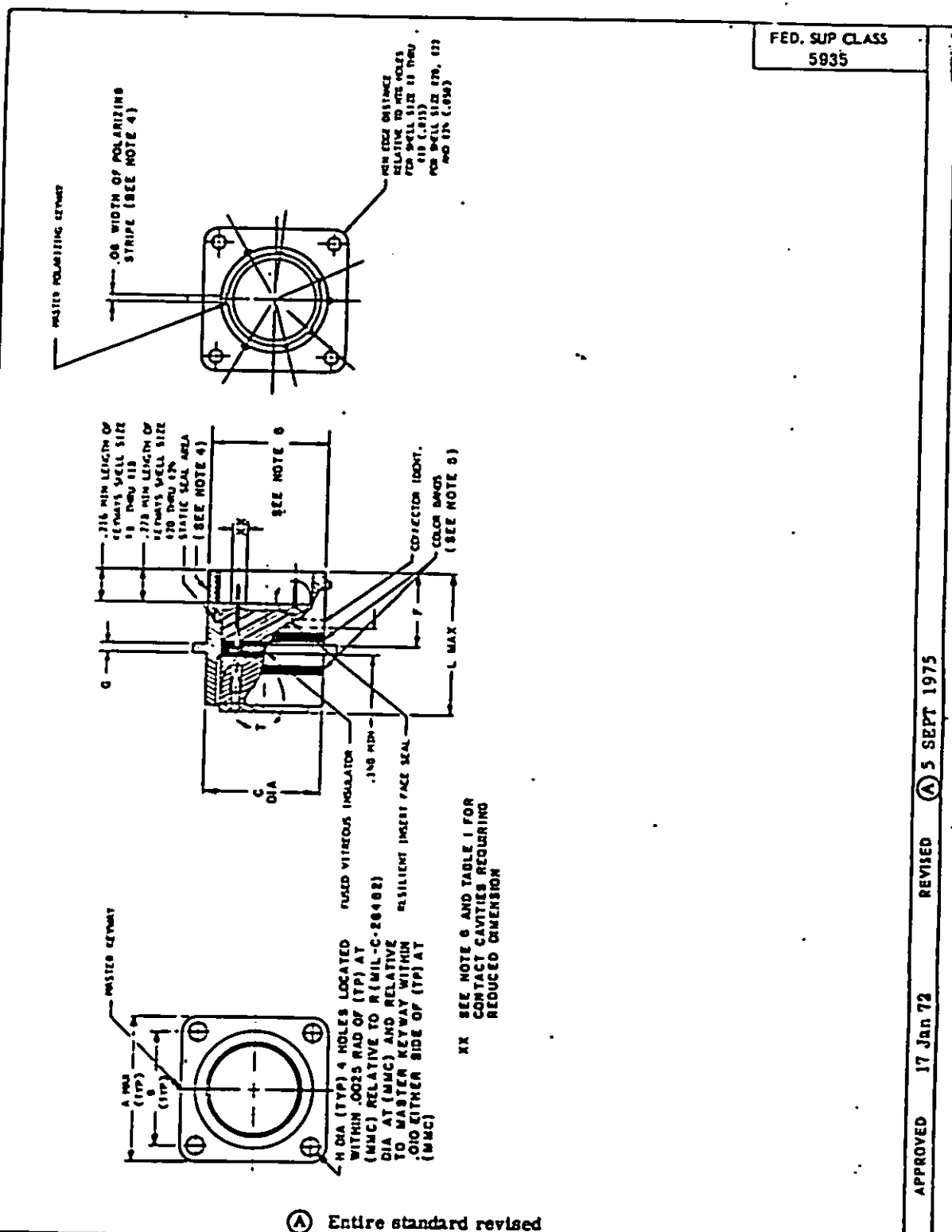


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Reviewers activities: Army MU, MI, EL
Navy EC, SH
Air Force 11, 17

Use activities: Army AV
Navy
Air Force



FED. SUP CLASS
5935

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P.A. Navy - AS Other Cus: Army - EL AF - 85	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, BOX MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Procurement Specification MIL-C-26482		SUPERSEDES: MS3477 (NAVY)	MS 3477 SHEET 1 OF 4 5935-1947-23

DD FORM 672
1 SEP 63

(Coordinated) previous editions of this form are obsolete.

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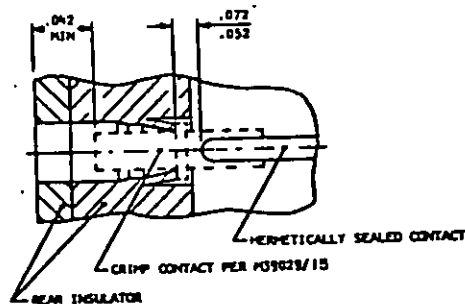
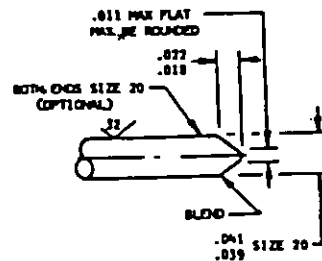
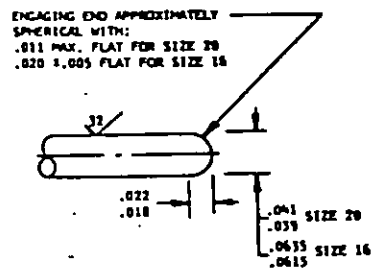
User activities: Army AV
Navy
Air Force

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

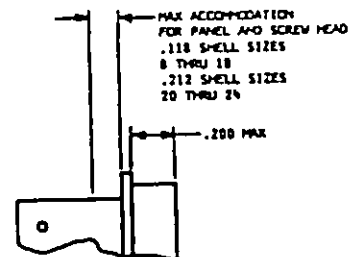
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ENGAGING END OF CONTACTS



DETAIL T



MAX PANEL THICKNESS (TYP)

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P.A. Navy - AS

International
Interest

TITLE CONNECTORS, RECEPTACLE,
ELECTRIC, SERIES 2, HERMETIC,
SOLDERLESS, BOX MOUNTING,
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MILITARY STANDARD

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AF - 85

MS 3477

Procurement Specification

SUPERSEDES:

MIL-C-26482

MS3477 (NAVY)

SHEET 2 OF 4

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Shell size	A	B	C	F	G	H	L	Panel cutout Dia.	Weight (lbs) Max. Pin insert
8	.828	.594	.563 .557	.704 .680	.078 .046	.120	1.078	.570	(Weight will be supplied in later revision)
10	.954	.719	.673 .667	.704 .680	.078 .046	.120	1.078	.680	
12	1.047	.812	.782 .776	.704 .680	.078 .046	.120	1.078	.789	
14	1.141	.906	.907 .901	.704 .680	.078 .046	.120	1.078	.914	
16	1.234	.969	1.032 1.026	.704 .680	.078 .046	.120	1.078	1.039	
18	1.328	1.062	1.157 1.151	.704 .680	.078 .046	.120	1.078	1.164	
20	1.453	1.156	1.251 1.245	.756 .739	.110 .078	.120	1.140	1.258	
22	1.578	1.250	1.376 1.370	.756 .739	.110 .078	.120	1.140	1.383	
24	1.703	1.375	1.501 1.495	.756 .739	.110 .078	.147	1.140	1.508	

TABLE I. Reduced diameters (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.

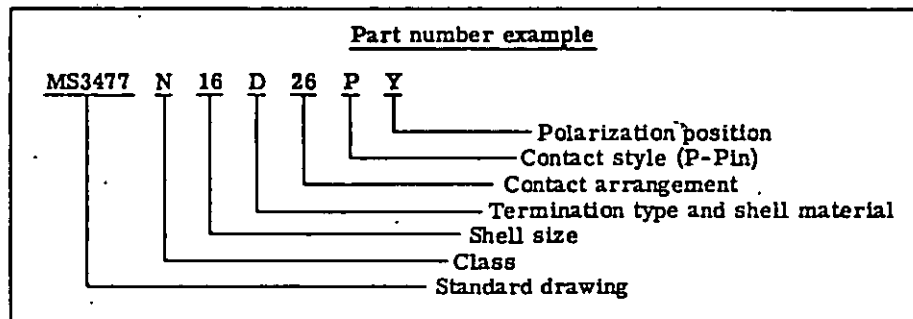
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Reviewer activities: Army MU, MI, EL, Navy EC, SH, AF, AF 11, 17
User activities: Army AV, Navy, Air Force

P.A. Navy - AS	International Interagency	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, BOX MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Cust Army - EL AF - 85			MS 3477
Procurement Specification MIL-C-26482		SUPERSEDES: MS3477 (NAVY)	SHEET 3 OF 4

FED. SUP CLASS
5935User activities: Army AV
Navy
Air ForceReviewer activities: Army MU, MI, EL
Navy EC, SH
Air Force 11, 17

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NOTES:

1. Dimensions are in inches.
2. Tolerances shall be .XX \pm .01, .XXX \pm .005, angular X° \pm 1° and X°X' \pm 30'.
3. True position (TP) tolerances specified are in accordance with ANSI Y14.5-1973.
4. Polarizing stripe, color optional.
5. Color band: .070 \pm .031 wide, color blue. Band location must be such that it is visible when mounting.
6. Insert arrangements requiring reduced diameters for raised seal barriers on outer row of contact cavities as indicated. (See table I).
7. The complete requirements for procuring this connector described herein shall consist of this document and the issue in effect of MIL-C-26482.
8. Intermediate dimensions shall be in accordance with MIL-C-26482.
9. Contact MIL-C-39029/22-XX-XX must be used for wire termination.
10. For insert arrangements see MIL-STD-1669.
11. Shell material: Cold rolled steel, per QQ-S-637.
12. Shell finish: .0001 minimum tin per MIL-T-10727, over nickel per QQ-N-290.
13. Insertion/removal tool MS3160-XX to be used with this connector.
14. Maximum wire diameter permissible: .074 for size 20 contact, .103 for size 16 contact.
15. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
16. Referenced documents shall be of the issue in effect on date of invitations for bids.

P.A. Navy - AS	International interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, BOX MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Cust Army - EL AF - 85			MS 3477
Procurement Specification MIL-C-26482		SUPERSEDES: MS3477 (NAVY)	SHEET 4 OF 4

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