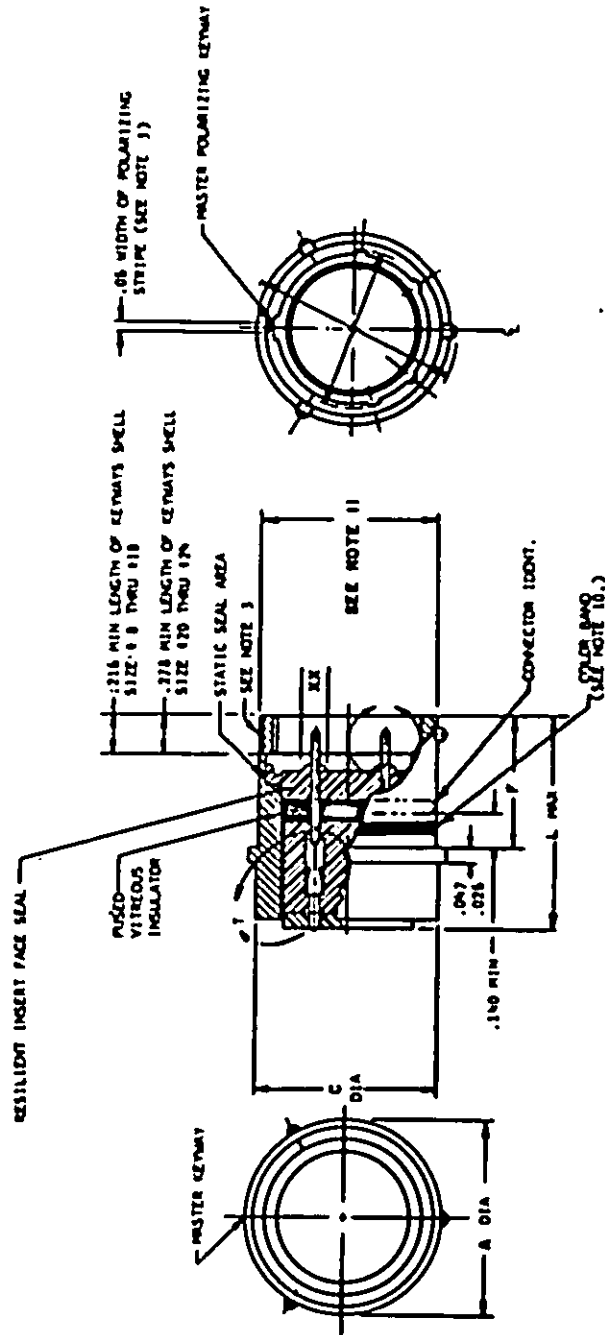


FED. SUP CLASS
5935

Use activities: Army AV
Navy
Air Force

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

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SEE NOTE 4 AND TABLE 1 FOR CONTACT CAVITIES REQUIRING REDUCED DIMENSION

(A) Entire standard revised

P.A. Navy - AS	International Innocent	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, SOLDER MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Code Army - EL AF - 85			MS 3473
Procurement Specification MIL-C-26482		SUPERSEDES: MS3473 (NAVY)	SHEET 1 OF 4

DD FORM 1329 63 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-1047-10

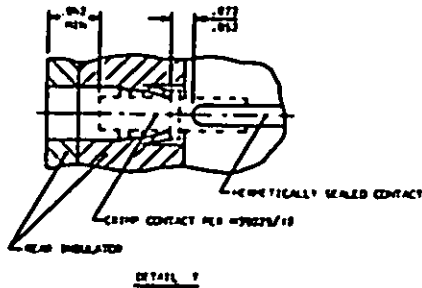
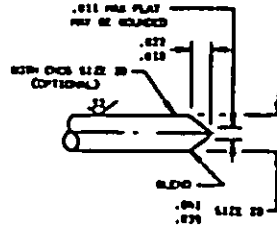
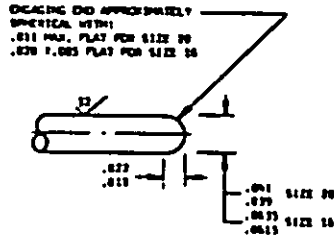
APPROVED 17 JAN 72 REVISED (A) 5 SEPT 1975

FED. SUP CLASS
5935

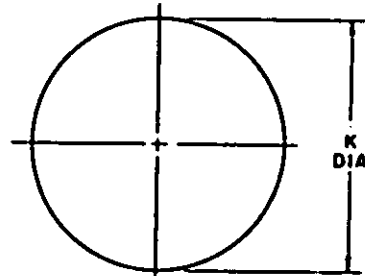
User activities: Army AV
Navy
Air Force

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

CRITICAL DIMENSIONS



OVERALL DIMENSIONS



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APPROVED 17 JAN 72 REVISED (A) Entire standard revised

P.A Navy - AS	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, SOLDER MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Code Army - EL AF - 85			MS 3473
Procurement Specification MIL-C-26482		SUPERSEDES: MS3473 (NAVY)	SHEET 2 OF 4

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-1947-19

Use activities: Army - AV
Navy
Air Force

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

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Size	A	C	F	K	L	Weight (lbs) max Pln Insert
8	.635/.615	.563/.557	.735/.711	.570	1.078	(Weight will be supplied in later revision)
10	.760/.740	.673/.667		.680		
12	.854/.834	.782/.776		.789		
14	.979/.959	.907/.901		.914		
16	1.104/1.084	1.032/1.026		1.039		
18	1.228/1.208	1.157/1.151	.735/.711	1.184	1.078	
20	1.322/1.302	1.251/1.245	.823/.799	1.258	1.140	
22	1.448/1.428	1.376/1.370	.823/.799	1.383	1.140	
24	1.574/1.554	1.501/1.495	.823/.799	1.508	1.140	

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.

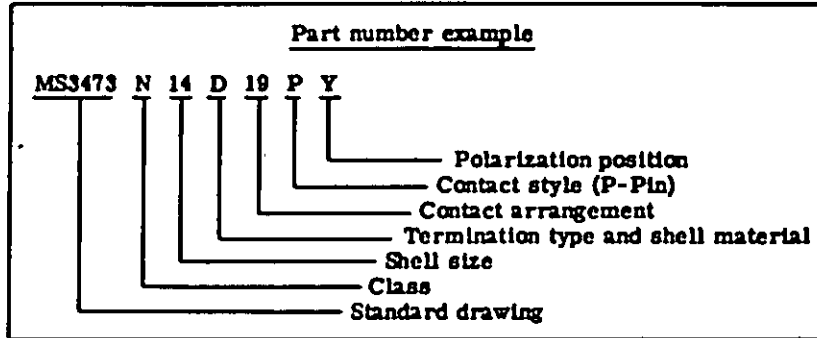
APPROVED 17 Jan 72 REVISED (A) Entire standard revised

P.A. Navy - AS	International interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, SOLDER MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Class Army - EL AP - 85			MS 3473
Procurement Specification MIL-C-26482		SUPPSEDES: MS3473 (NAVY)	SHEET 3 OF 4

User activities: Army - AV
Navy
Air Force

Reviewer 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 ±.01, .XXX ±.005, angular X° ±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. Contact MIL-C-39029/15-XX-XX must be used for wire termination.
6. Shell material: Cold rolled steel, per QQ-S-637.
7. Shell finish: .0001 minimum tin per MIL-T-10727, over nickel per QQ-N-290.
8. Color band: .070 ±.031 wide, color blue. Band location must be such that it is visible when mounting.
9. Insertion/removal tool MS3160-XX to be used with this connector.
10. Maximum wire diameter permissible: .074 for size 20 contact, .103 for size 18 contact.
11. Interchangeability dimensions shall be in accordance with MIL-C-26482.
12. For insert arrangements see MIL-STD-1889.
13. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
14. Referenced documents shall be of the issue in effect on date of invitations for bids.

APPROVED 17 Jan 72 REVISED (A) Entire standard revised

P.A Navy - AS	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, SOLDER MOUNTING, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Other Cost Army - EL AF - 85			MS 3473
Procurement Specification MIL-C-26482		SUPERSEDES: MS3473 (NAVY)	SHEET 4 OF 4