

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.

User activities: Army - AV
Navy -
Air Force -

Review activities: Army - AR, MI, ER
Navy - EC, SH
Air Force - 11, 17

P.A Army-CR Other Cust Navy-AS AF - 85	International Interchange	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, REAR MOUNTING, JAM NUT, BAYONET COUPLING, CLASS N	MILITARY STANDARD MS3479
Procurement Specification MIL-C-26482	SUPERSEDES: MS3479 (Navy)		PAGE 1 OF 5

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5935-3558-02
 AMSC N/A DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

(B) Denotes change

Labels and dimensions in drawing:

- MS3186 NUT
- PACKING
- RESILIENT INSERT SEAL
- FUSED VITREOUS INSULATOR
- MASTER KEYWAY
- STATIC SEAL AREA
- SEE NOTE 3
- XX
- SEE NOTE 6
- TO THREAD CHAMFER
- CONNECTOR IDENTIFICATION
- COLOR BAND (SEE NOTE 5)
- TO END OF FLAT
- DETAIL P
- FED. SUP CLASS 5935
- APPROVED 17 Jan 72
- REVISED (A) 5 Sept 1975 (B) 29 October 1986

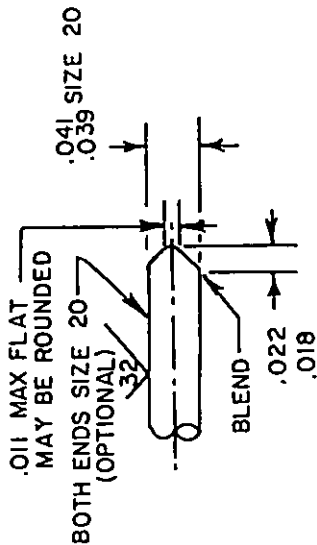
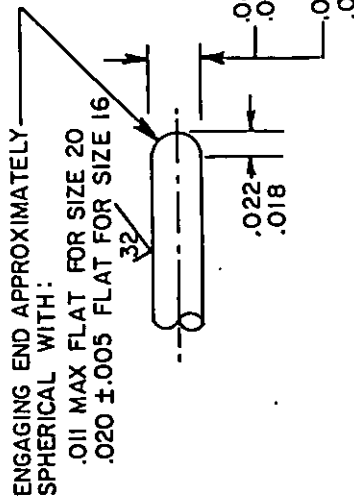
XX SEE NOTE 4 AND TABLE I FOR CONTACT CAVITIES REQUIRING REDUCED DIMENSION

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.

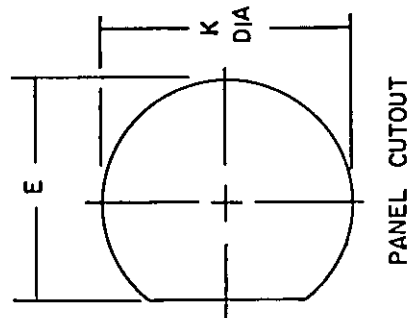
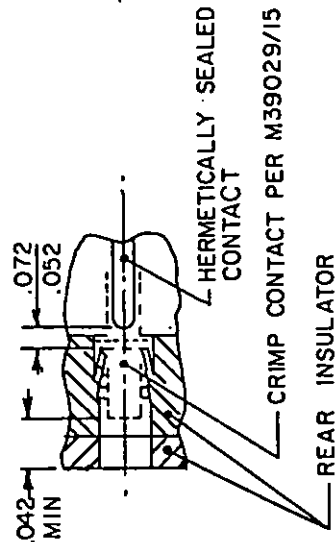
Review activities: Army - AR, MI, ER
Navy - EC, SH
Air Force - 11, 17

User activities: Army - AV
Navy -
Air Force -

ENGAGING END OF CONTACTS



DETAIL M



DETAIL I

FED. SUP CLASS
5935

P.A Army - CR Other Cust Navy - AS AF - 85	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, REAR MOUNTING, JAM NUT, BAYONET COUPLING, CLASS N	MILITARY STANDARD
			MS3479
Procurement Specification MIL-C-26482	SUPERSEDES: MS3479 (Navy)		PAGE 2 OF 5

FED. SUP CLASS
5935User activities: Army - AV
Navy -
Air Force -Review activities: Army - AR, MI, ER
Navy - EC, SH
Air Force - 11, 17

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.

(B)													
Shell size	A	B	E	F	G	J	K	L	N	R	S	X	Weight (lbs) max pin insert
8	.954 .924	1.078 1.047	.536 1.047	.887 .867	.113 .097	.378 .358	.572	1.078	.5625-24	.609	.187 .062	.525	(Weight will be supplied in later revision)
10	1.078 1.047	1.203 1.172	.661 1.172	.887 .867	.113 .097	.378 .358	.697	1.078	.6875-24	.734	.187 .062	.650	
12	1.266 1.235	1.391 1.360	.824 1.360	.887 .867	.113 .113	.378 .358	.895	1.078	.875-20	.921	.187 .062	.813	
14	1.391 1.360	1.516 1.485	.948 1.485	.887 .867	.113 .097	.378 .358	1.010	1.078	1.000-20	1.046	.187 .062	.937	
16	1.516 1.485	1.641 1.610	1.072 1.610	.887 .867	.113 .097	.378 .358	1.135	1.078	1.125-18	1.171	.187 .062	1.061	
18	1.641 1.610	1.766 1.735	1.197 1.735	.887 .867	.113 .097	.378 .358	1.260	1.078	1.250-18	1.296	.187 .062	1.186	
20	1.828 1.797	1.954 1.923	1.322 1.923	.916 .896	.148 .128	.378 .358	1.385	1.140	1.375-18	1.484	.250 .062	1.311	
22	1.954 1.923	2.078 2.047	1.447 2.047	.916 .896	.148 .128	.378 .358	1.510	1.140	1.500-18	1.609	.250 .062	1.436	
24	2.078 2.047	2.203 2.172	1.572 2.172	.916 .896	.148 .128	.405 .385	1.635	1.140	1.625-18	1.734	.250 .062	1.561	

P.A.
Army - CR
Other Cust
Navy - AS
AF - 85International
Interest

TITLE

CONNECTORS, RECEPTACLE, ELECTRIC
SERIES 2, HERMETIC, SOLDERLESS,
REAR MOUNTING, JAM NUT, BAYONET
COUPLING, CLASS N

MILITARY STANDARD

MS3479

Procurement Specification
MIL-C-26482

SUPERSEDES:

MS3479

PAGE 3 OF 5

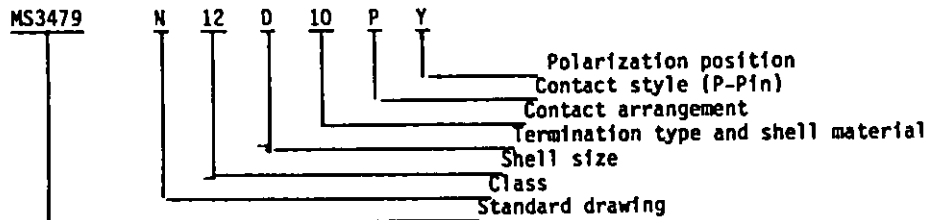
DD FORM 672
1 MAY 73

(Continued) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 17 Jan 72 REVISED (B) For changes see pages 1, 3, and 5.

FED. SUP CLASS
5935TABLE 1. Reduced diameters (XX).

Shell size	Insert arrangements	Contact cavities
8	-33 and -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 (B) For changes see pages 1, 3, and 5.

P.A.
Army - CR
Other Cust
Navy - AS
AF - 85International
Interest

TITLE

CONNECTORS, RECEPTACLE, ELECTRIC,
SERIES 2, HERMETIC, SOLDERLESS,
REAR MOUNTING, JAM NUT, BAYONET
COUPLING, CLASS N

MILITARY STANDARD

MS3479

Procurement Specification
MIL-C-26482

SUPERSEDES:

MS3479 (Navy)

PAGE 4 OF 5

User activities: Army - AV
Navy -
Air Force -Review activities: Army - AR, MI, ER
Navy - EC, SH
Air Force - 11, 17

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.

FED. SUP CLASS
5935

Review activities: Army - AR, MI, ER
Navy - EC, SH
Air Force - 11, 17

User activities: Army - AV
Navy -
Air Force -

Inches	mm	Inches	mm	Inches	mm
.005	0.13	.650	16.51	1.296	32.92
.008	0.20	.6875	17.462	1.311	33.30
.018	0.46	.697	17.70	1.322	33.58
.019	0.48	.734	18.64	1.360	34.54
.020	0.51	.813	20.65	1.375	34.92
.022	0.56	.824	20.92	1.385	35.18
.039	0.99	.875	22.22	1.391	35.33
.041	1.04	.880	22.35	1.436	36.47
.042	1.07	.887	22.52	1.447	36.75
.048	1.22	.895	22.73	1.484	37.69
.052	1.32	.896	22.76	1.500	38.10
.054	1.37	.921	23.39	1.510	39.35
.06	1.5	.924	23.47	1.516	38.51
.0515	1.562	.937	23.80	1.561	39.65
.062	1.57	.948	24.08	1.572	39.93
.0535	1.613	.954	24.23	1.609	40.87
.072	1.83	1.000	25.40	1.610	40.89
.093	2.36	1.010	25.65	1.625	41.28
.098	2.49	1.046	26.57	1.635	41.53
.113	2.87	1.047	26.59	1.641	41.69
.128	3.25	1.061	26.95	1.734	44.04
.148	3.76	1.072	27.23	1.735	44.06
.187	4.75	1.078	27.38	1.766	44.86
.216	5.49	1.125	28.58	1.829	46.43
.250	6.35	1.135	28.83	1.923	48.84
.278	7.29	1.171	29.74	1.954	49.63
.378	9.60	1.172	29.77	2.047	51.99
.385	9.78	1.186	30.12	2.078	52.78
.405	10.299	1.197	30.40	2.172	55.17
.525	13.344	1.203	30.56	2.203	55.96
.536	13.641	1.235	31.37		
.5625	14.288	1.250	31.75		
.572	14.533	1.260	32.00		
.609	15.47	1.266	32.16		

NOTES:

- Dimensions are in inches.
- Tolerances shall be .XX \pm .01 (\pm 0.25 mm), .XXX \pm .005 (\pm 0.13), angular \pm 1° and X°X' \pm 30'.
- Polarizing stripe, color optional.
- Insert arrangements requiring reduced diameters for raised seal barriers on outer row of contact cavities as indicated. (See table I).
- Color band: .070 (1.78 mm) \pm .031 (0.79 mm) wide, color blue. Band location must be such that it is visible when mounting.
- Intermateability dimensions shall be in accordance with MIL-C-26482.
- For insert arrangements see MIL-STD-1669.
- Shell material: Cold rolled steel per QQ-S-637.
- Shell finish: .0001 (0.003 mm) minimum tin per MIL-T-10727, over nickel per QQ-N-290.
- Jam nut finish: Nickel per QQ-N-290.
- Insertion/removal tool MS3160-XX to be used with this connector.
- Maximum wire diameter permissible: .074 (1.88 mm) for size 20 contact, .103 (2.62 mm) for size 16 contact.
- Contact MIL-C-39029/22-XX-XX must be used for wire termination.
- The complete requirements for acquiring this connector described herein shall consist of this document and the issue in effect of MIL-C-26482.
- For design feature purposes, this standard takes precedence over acquisition documents referenced herein.
- Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation form a part of this standard to the extent specified herein.
- Metric equivalents are given for general information only.

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.

P.A. Army - CR Other Cust Navy - AS AF - 85	International Interchange	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 2, HERMETIC, SOLDERLESS, REAR MOUNTING, JAM NUT, BAYONET COUPLING, CLASS N	MILITARY STANDARD
Procurement Specification MIL-C-26482		SUPERSEDES: MS3479 (Navy)	MS3479
			PAGE 5 OF 5