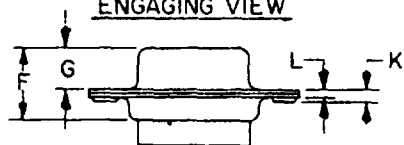
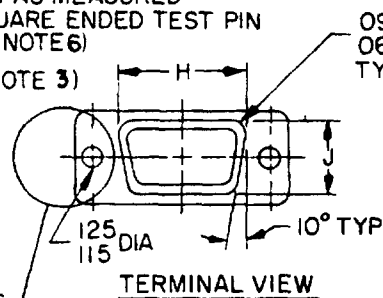
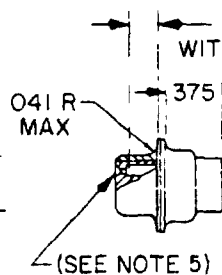
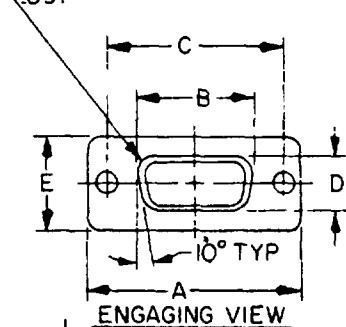
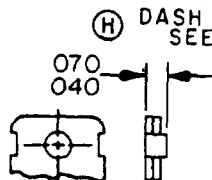


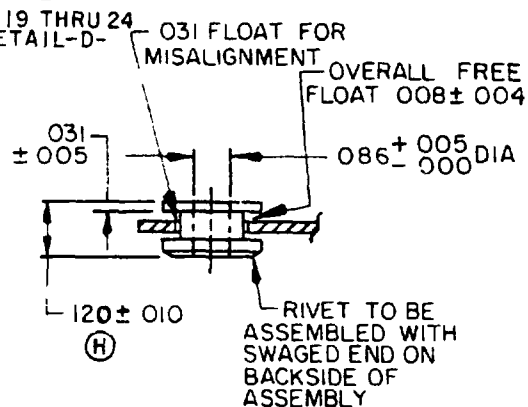
FED SUP CLASS  
5935103  
097 R TYP

DASH NO 1 THRU 6  
SEE DETAIL - A-  
DASH NO 7 THRU 12  
SEE DETAIL - B-  
DASH NO 13 THRU 18  
SEE DETAIL - C-  
DASH NO 19 THRU 24  
SEE DETAIL - D-

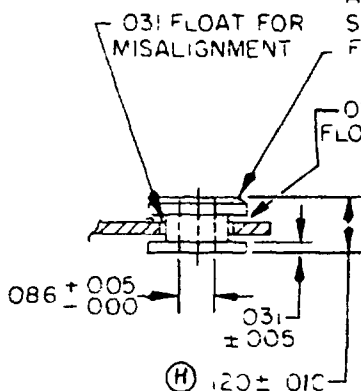


ALTERNATE METHOD  
OF SECURING SHELL

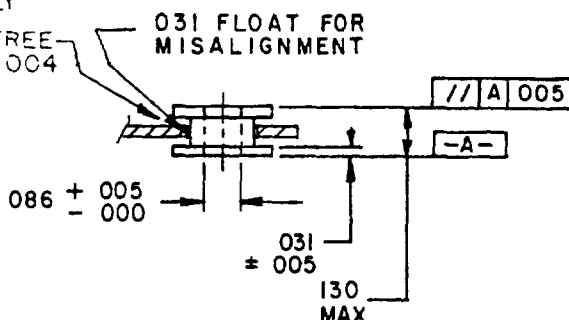
DETAIL - A-



DETAIL - B-  
FLOATING MOUNTING BUSHING



DETAIL - C-  
REVERSE  
FLOATING MOUNTING BUSHING



DETAIL - D-  
DUAL  
FLOATING MOUNTING BUSHING

(H) DENOTES CHANGE

PA NAVY-EC	International Interest	TITLE CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SHELL, RECEPTACLE, SOCKET CONTACTS, CRIMP TYPE	MILITARY STANDARD
Other Cust AF-85 ARMY-EL			MS18270
Procurement Specification MIL-C-24308		SUPERSEDES	PAGE 1 OF 3

DD FORM 672  
1 SEP 63

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-2011-2

This military standard is mandatory 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 ME, Navy MC, CG, Air Force

User activities: Army ME, Navy MC, CG, Air Force

MI: Army AS, SH, Air Force, DSA-P-C

11, 99

APPROVED 30 NOV 1967 REVISED 7 DEC 1973 30 NOV 76

This military standard is mandatory 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.

ME  
User activities: Army Navy MC, CG  
Air Force

MI  
Army AS, SH  
Navy AS, SH  
Air Force  
DSA-ES

Reviewer activities: Army Navy MC, CG  
Air Force

FED SUP CLASS  
5935

MS number	Shell size	Dimensions										
		A	B	C	D	E	F	G	H	J	K	L
MS18270-1	1	1.228	.648	.989	.316	.509	.439	.248	.769	.432	.060	.040
		(31.19)	(16.46)	(25.12)	(8.03)	(12.93)	(11.15)	(6.30)	(19.53)	(10.97)	(1.52)	(1.02)
		1.198	.638	.979	.306	.479	.419	.238	.749	.412	.035	.020
MS18270-2	2	(30.43)	(16.21)	(24.87)	(7.77)	(12.17)	(10.54)	(6.05)	(19.02)	(10.46)	(.89)	(.51)
		1.558	.976	1.317	.316	.509	.439	.248	1.093	.432	.060	.040
		(39.52)	(24.79)	(33.45)	(8.03)	(12.93)	(11.15)	(6.30)	(27.76)	(10.97)	(1.52)	(1.02)
MS18270-3	3	1.526	.966	1.307	.306	.479	.419	.238	1.073	.412	.035	.020
		(38.76)	(24.79)	(33.20)	(7.77)	(12.17)	(10.64)	(6.05)	(27.25)	(10.46)	(.89)	(.51)
		2.103	1.516	1.857	.316	.509	.439	.248	1.635	.432	.060	.040
MS18270-4	4	(53.42)	(38.51)	(47.17)	(8.03)	(12.93)	(11.15)	(6.30)	(41.53)	(10.97)	(1.52)	(1.02)
		2.073	1.506	1.847	.306	.479	.419	.238	1.615	.412	.035	.020
		(52.65)	(38.25)	(46.91)	(7.77)	(12.17)	(10.64)	(6.05)	(41.02)	(10.46)	(.89)	(.51)
MS18270-5	5	2.744	2.164	2.505	.316	.509	.439	.248	2.282	.432	.060	.040
		(69.76)	(54.97)	(63.63)	(8.03)	(12.93)	(11.15)	(6.30)	(57.96)	(16.97)	(1.52)	(1.02)
		2.714	2.154	2.495	.306	.479	.419	.238	2.262	.412	.035	.020
MS18270-6	6	(68.94)	(54.71)	(63.37)	(7.77)	(12.17)	(10.64)	(6.05)	(57.45)	(10.46)	(.89)	(.51)
		2.650	2.069	2.411	.428	.620	.439	.248	2.188	.544	.060	.040
		(67.31)	(52.55)	(61.24)	(10.87)	(15.75)	(11.15)	(6.30)	(55.58)	(13.82)	(1.52)	(1.02)
MS18270-7	7	2.620	2.059	2.401	.418	.590	.419	.238	2.168	.524	.035	.020
		(66.55)	(52.30)	(60.99)	(10.62)	(14.99)	(10.64)	(6.05)	(55.07)	(13.31)	(.89)	(.51)
		2.744	2.194	2.505	.490	.683	.439	.248	2.312	.606	.060	.040
MS18270-8	8	(69.70)	(55.73)	(63.63)	(12.45)	(17.35)	(11.15)	(6.30)	(58.72)	(15.39)	(1.52)	(1.02)
		2.714	2.184	2.495	.480	.653	.419	.238	2.292	.586	.035	.020
		(68.94)	(55.47)	(63.37)	(12.19)	(16.59)	(10.64)	(6.05)	(58.22)	(14.88)	(.89)	(.51)
1/ MS18270-7	1	Same as MS18270-1 except in accordance with detail B										
1/ MS18270-8	2	Same as MS18270-2 except in accordance with detail B										
1/ MS18270-9	3	Same as MS18270-3 except in accordance with detail B										
1/ MS18270-10	4	Same as MS18270-4 except in accordance with detail B										
1/ MS18270-11	5	Same as MS18270-5 except in accordance with detail B										
1/ MS18270-12	6	Same as MS18270-6 except in accordance with detail B										
1/ MS18270-13	1	Same as MS18270-1 except in accordance with detail C										
1/ MS18270-14	2	Same as MS18270-2 except in accordance with detail C										
1/ MS18270-15	3	Same as MS18270-3 except in accordance with detail C										
1/ MS18270-16	4	Same as MS18270-4 except in accordance with detail C										
1/ MS18270-17	5	Same as MS18270-5 except in accordance with detail C										
1/ MS18270-18	6	Same as MS18270-6 except in accordance with detail C										
MS18270-19	1	Same as MS18270-1 except in accordance with detail D										
MS18270-20	2	Same as MS18270-2 except in accordance with detail D										
MS18270-21	3	Same as MS18270-3 except in accordance with detail D										
MS18270-22	4	Same as MS18270-4 except in accordance with detail D										
MS18270-23	5	Same as MS18270-5 except in accordance with detail D										
MS18270-24	6	Same as MS18270-6 except in accordance with detail D										

(H) 1/ Part numbers MS18270-7 thru MS18270-18 are inactive for new design, use MS18270-19 thru MS18270-24.

APPROVED 30 NOV 1967 REVISED (H) FOR CHANGES SEE PAGES 1 & 2

P A NAVY-EC	International interest	TITLE CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SHELL RECEPTACLE SOCKET CONTACTS, CRIMP TYPE	MILITARY STANDARD
Other Cust AF-85 ARMY-EL			MS18270
Procurement Specification MIL-C-24308		SUPERSEDES:	PAGE 2 OF 3

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
1 SEP 63

FED SUP CLASS  
5935

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Insulator may project .375 (9.53) maximum.
4. Wire insulation .072 (1.83) maximum for arrangements MS18273-1, MS18274-1, MS18275-1, MS18276-1, and MS18277-1. Wire insulation .054 (1.37) maximum for arrangements MS18373-2, MS18274-2, MS18275-2, MS18276-2, MS18277-2 and MS14004-1.
5. To accommodate a .040 (1.02) diameter pin for arrangements MS18273-1, MS18274-1, MS18275-1, MS18276-1 and MS18277-1. To accommodate a .030 (.76) diameter pin for arrangements MS18273-2, MS-8274-2, MS18275-2, MS18276-2, MS18277-2 and MS14004-1.
6. Use .041/.039 (1.04/.99) diameter pin for arrangements MS18273-1, MS18274-1, MS18275-1, MS18276-1 and MS18277-1 Use .0305/.0295 (.77/.75) diameter pin for arrangements MS18273-2, MS18274-2, MS18275-2, MS18276-2, MS18277-2 and MS14004-1.
7. Patent notice The Government has a royalty free license under the U S Patents listed below for the benefit of manufacturers of the items disclosed and described herein, either for the Government or for use in equipment delivered to the Government.

Patent Numbers

2790153 expires April 23, 1974

3110093 expires November 12, 1980

3158424 expires November 24, 1981

8. Copyright notice All information disclosed in this military standard which is or may be copyrighted by ITT Cannon Electric is reproduced herein with the express permission of the copyright owner.

INCHES	MM	INCHES	MM
.004	.10	.092	2.34
.005	.13	.097	2.46
.008	.20	.103	2.62
.010	.25	.115	2.92
.031	.79	.120	3.05
.040	1.02	.125	3.18
.041	1.04	.129	3.28
.062	1.57	.143	3.63
.070	1.78	.375	9.53
.086	2.18		

P A NAVY-EC	International Interest	TITLE CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SHELL RECEPTACLE SOCKET CONTACTS, CRIMP TYPE	MILITARY STANDARD
Other Cust AF85			MS18270
ARMY-EL			
Procurement Specification MIL-C-24308		SUPERSEDES	PAGE 3 OF 3

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
1 SEP 63

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Reviewer activities: Army AS, SH, MI, Navy AS, SH, Air Force II, 99, DSA-ES

User activities: Army ME, Navy MC, CG, Air Force

APPROVED 30 NOV 1967 REVISED FOR CHANGES SEE PAGES 1 &amp; 2