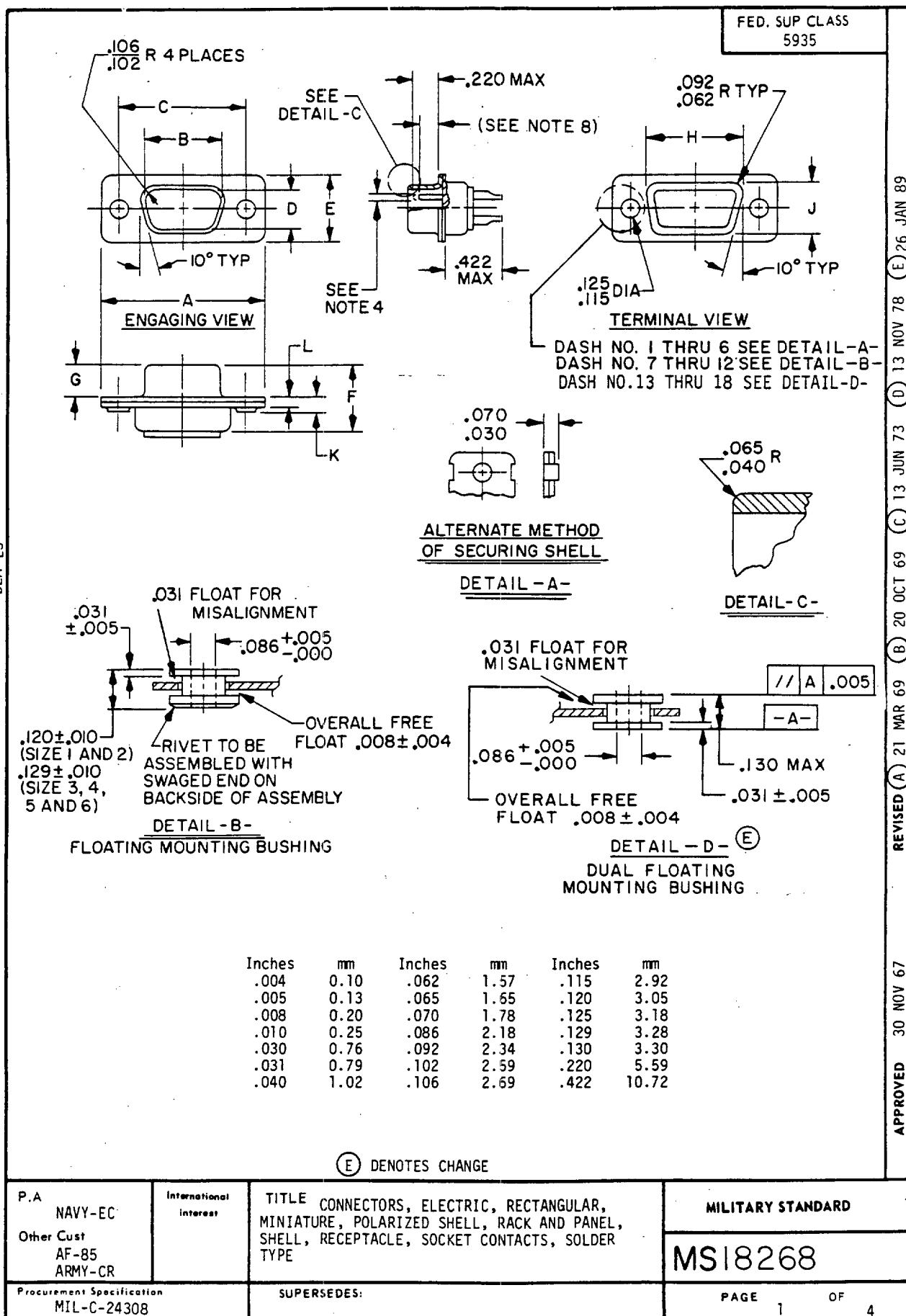


FED. SUP CLASS
5935User activities: Army - AT
Navy - MC, SH
Air Force -Review activities: Army - MI
Navy - AS
Air Force -
DLA-ES

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(E) DENOTES CHANGE

P.A NAVY-EC	International Interest	TITLE CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SHELL, RECEPTACLE, SOCKET CONTACTS, SOLDER TYPE	MILITARY STANDARD
Other Cust AF-85 ARMY-CR			MS18268
Procurement Specification MIL-C-24308	SUPERSEDES:		PAGE 1 OF 4

DD FORM 1 MAY 73 672
AMSC N/A

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5935-3611-02

FED. SUP CLASS
5935

MS number

Shell size

Dimensions

(E)

A B C 1/D E F G H J K L

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Review activities: Army - MI
Navy - AS
Air Force - 11, 99
DLA-ES

User activities: Army - AT
Navy - MC, CG, SH
Air Force -

MS number	Shell size	A	B	C	1/D	E	F	G	H	J	K	L
MS18268-1	1	1.228 (31.19)	.671 (17.04)	.989 (25.12)	.334 (8.48)	.509 (12.93)	.432 (10.97)	.238 (6.05)	.769 (19.53)	.432 (10.97)	.060 (1.52)	.040 (1.02)
		1.198 (30.43)	.661 (16.79)	.979 (24.87)	.324 (8.23)	.479 (12.17)	.412 (10.46)	.229 (5.82)	.749 (19.02)	.412 (10.46)	.035 (0.89)	.020 (0.51)
MS18268-2	2	1.556 (39.52)	.999 (25.37)	1.317 (33.45)	.334 (8.48)	.509 (12.93)	.432 (10.97)	.238 (6.05)	1.093 (27.76)	.432 (10.97)	.060 (1.52)	.040 (1.02)
		1.526 (38.76)	.989 (25.12)	1.307 (33.20)	.324 (8.23)	.479 (12.17)	.412 (10.46)	.229 (5.82)	1.073 (27.25)	.412 (10.46)	.035 (0.89)	.020 (0.51)
MS18268-3	3	2.103 (53.42)	1.539 (39.09)	1.857 (47.17)	.334 (8.48)	.509 (12.93)	.436 (11.07)	.236 (5.99)	1.635 (41.53)	.432 (10.97)	.070 (1.78)	.049 (1.24)
		2.073 (52.65)	1.529 (38.84)	1.847 (46.91)	.324 (8.23)	.479 (12.17)	.416 (10.57)	.224 (5.69)	1.615 (41.02)	.412 (10.46)	.050 (1.27)	.029 (0.74)
MS18268-4	4	2.744 (69.70)	2.187 (55.55)	2.505 (63.63)	.334 (8.48)	.509 (12.93)	.436 (11.07)	.236 (5.99)	2.282 (57.96)	.432 (10.97)	.070 (1.78)	.049 (1.24)
		2.714 (68.94)	2.177 (55.30)	2.495 (63.37)	.324 (8.23)	.479 (12.17)	.416 (10.57)	.224 (5.69)	2.262 (57.45)	.412 (10.46)	.050 (1.27)	.029 (0.74)
MS18268-5	5	2.650 (67.31)	2.084 (52.93)	2.411 (61.24)	.441 (11.20)	.620 (15.75)	.436 (11.07)	.236 (5.99)	2.188 (55.58)	.544 (13.82)	.070 (1.78)	.049 (1.24)
	2/	2.620 (66.55)	2.074 (52.68)	2.401 (60.99)	.431 (10.95)	.590 (14.99)	.416 (10.57)	.224 (5.69)	2.168 (55.07)	.524 (13.31)	.050 (1.27)	.029 (0.74)
MS18268-6	6	2.744 (69.70)	2.217 (56.31)	2.505 (63.63)	.508 (12.90)	.683 (17.35)	.436 (11.07)	.236 (5.99)	2.312 (58.72)	.606 (15.39)	.070 (1.78)	.049 (1.24)
		2.714 (68.94)	2.207 (56.06)	2.495 (63.37)	.498 (12.65)	.653 (16.59)	.416 (10.57)	.224 (5.69)	2.292 (58.22)	.586 (14.88)	.050 (1.27)	.029 (0.74)

P.A
NAVY-EC

Other Cust
AF-85
ARMY-CR

International
interest

TITLE CONNECTORS, ELECTRIC, RECTANGULAR,
MINIATURE, POLARIZED SHELL, RACK AND PANEL,
SHELL, RECEPTACLE, SOCKET CONTACTS, SOLDER
TYPE

MILITARY STANDARD

MS18268

Procurement Specification
MIL-C-24308

SUPERSEDES:

PAGE 2 OF 4

FED. SUP CLASS
5935

User activities: Army - AT
Navy - MC, SH
Air Force -
DLA-ES

Review activities: Army - MI
Navy - AS
Air Force - 11, 99
DLA-ES

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MS number	Shell size	Dimensions										
		A	B	C	1/ D	E	F	G	H	J	K	L
MS18268-7	1	Same as MS18268-1 except per detail B										
-8	2	MS18268-2										
-9	3	MS18268-3										
-10	4	MS18268-4										
-11	5	MS18268-5										
-12	6	MS18268-6										
-13	1	Same as MS18268-1 except per detail D										
-14	2	MS18268-2										
-15	3	MS18268-3										
-16	4	MS18268-4										
-17	5	MS18268-5										
-18	6	MS18268-6										

1/ Part numbers MS18268-7 through MS18268-12 are inactive.
For new design use MS18268-13 through MS18268-18.

2/ See note 7.

P.A
NAVY-EC

Other Cust
AF-85
ARMY-CR

International
interest

TITLE

CONNECTORS, ELECTRIC, RECTANGULAR,
MINIATURE, POLARIZED SHELL, RACK AND PANEL,
SHELL, RECEPTACLE, SOCKET CONTACTS, SOLDER
TYPE

MILITARY STANDARD

MS18268

Procurement Specification
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SUPERSEDES:

PAGE 3 OF 4

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

APPROVED 30 NOV 67 REVISED E FOR CHANGES SEE PAGES 1, 2, AND 3

User activities: Army - AT
Navy - MC, CG, SH
Air Force -

Review activities: Army - MI
Navy - AS
Air Force - 11, 99
DLA-ES

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NOTES:

1. Dimensions are in inches.
2. Metric equivalents are in parentheses.
3. Metric equivalents are given for general information only.
4. Pin diameter .041/.039 (1.04/0.99 mm) for arrangements MS18273-1, MS18274-1, MS18275-1, MS18276-1 and MS18277-1. Pin diameter .0305/.0295 (0.775/0.749 mm) for arrangements MS18273-2, MS18274-2, MS18275-2, MS18276-2, MS18277-2 and MS 14004-1.
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

6. 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.
7. "D" dimension for shell size 5 will change from .441 - .431 (11.20 - 10.95 mm) to .446 - .436 (11.33 - 11.07 mm) effective 1 July 1980.
8. Dimensions are .150 (3.81 mm) minimum full pin diameter extension (sizes 3 through 6) and .159 (4.04 mm) minimum full pin diameter extension (sizes 1 and 2).
9. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.
10. 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.

P.A. NAVY-EC Other Cust AF-85 ARMY-CR	International Interest	TITLE CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SHELL, RECEPTACLE, SOCKET CONTACTS, SOLDER TYPE	MILITARY STANDARD MS18268
Procurement Specification MIL-C-24308	SUPERSEDES:		PAGE 4 OF 4