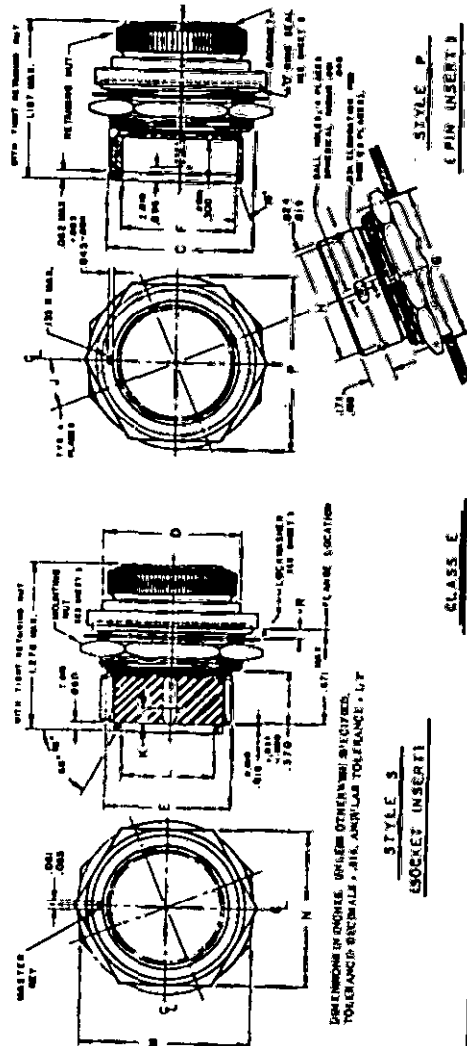


FED. SUP CLASS
5935

SMALL DIE SIZE B&B NO.	C THREAD SIZE	D MAX. O.D. FLANGE	E MAX. SHELL O.D.	F MAX. SHELL I.D.	G MAX. SHELL I.D.	H MAX. SHELL I.D.	J BALL BEARING LOCATION	K POINT OF CONTACT	L SPEEDY LOC. IN. IN.	M PLATE FLANGE OUT	N PLATE FLANGE OUT	P PLATE FLANGE OUT	Q PLATE FLANGE OUT	R PLATE FLANGE OUT	S PLATE FLANGE OUT	T PLATE FLANGE OUT	U PLATE FLANGE OUT	V PLATE FLANGE OUT	W PLATE FLANGE OUT	X PLATE FLANGE OUT	Y PLATE FLANGE OUT	Z PLATE FLANGE OUT
-3	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025
-7	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025
-12	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025
-15	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025
-27	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025
-37	2-56 UNF-18	.425	.475	.525	.575	.625	30"	1.00 MAX	.225	.710	.025	.100	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025

FOR DIMENSIONAL INFORMATION, THIS STANDARD TAKES PRECEDENCE OVER INSTRUMENT DOCUMENTS REFERENCED HEREIN.
 REFERENCED DOCUMENTS SHALL BE OF THE DATE IN EFFECT ON DATE OF INVITATION FOR BID.

THIS STANDARD IS NOT SUITABLE FOR USE ON
 AIR FORCE AERONAUTICAL SYSTEMS OR EQUIPMENT

This military standard is approved by the Department of Defense and is
 mandatory for use by all Departments & Agencies of the Department of
 Defense. In addition to all other engineering and design requirements and
 for requirements that shall be made from this document.

P.A. NAVY-AS

International
Interest

TITLE

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER TYPE,
 JAM NUT MOUNTING, PUSH-PULL COUPLING, SERIES I
 (CLASS E, P, J AND H)

Other Cust
USAF-17
ARMY-EL

Procurement Specification

MIL-C-81703

SUPERSEDES:

MILITARY STANDARD

MS3134

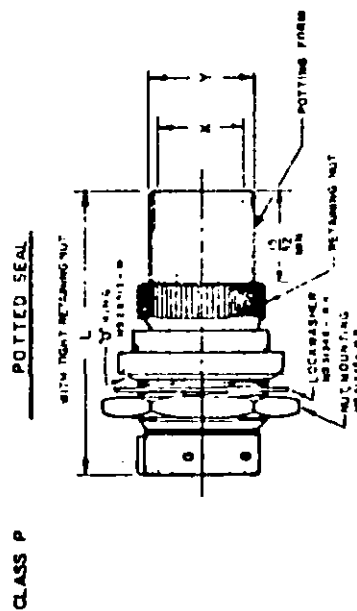
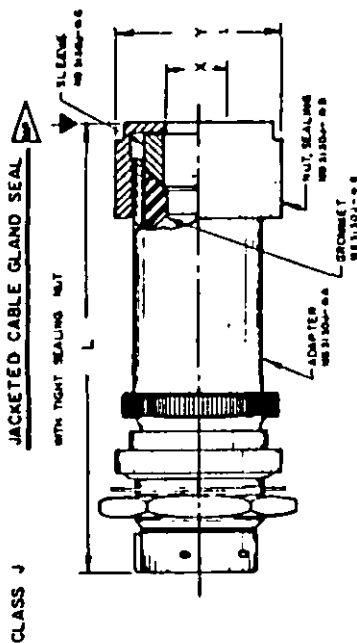
SHEET 1 OF 4

DD FORM 672
10 APR 64

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-1761-3

APPROVED 14 MAY 55 REVISED 19 AUG 1970 (F) 21 JULY 1971

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SHELL SIZE DASH NO.	L LENGTH MAX.	X CABLE SEALING MIN. MAX.	Y MAX. DIA. NUT	ADAPTOR	GROMMET	SLEEVE	NUT SEALING
-3	1.641	1.78	2.10	.843	MS3134-3A	MS3134-3C	MS3134-3B
-7	2.625	.381	.613	.928	MS3134-7A	MS3134-7C	MS3134-7B
-12	3.093	.612	.644	.988	MS3134-12A	MS3134-12C	MS3134-12B
-19	3.125	.322	.554	1.113	MS3134-19A	MS3134-19C	MS3134-19B
-27	3.125	.600	.632	1.113	MS3134-27A	MS3134-27C	MS3134-27B
-37	3.158	.862	.884	1.176	MS3134-37A	MS3134-37C	MS3134-37B

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
TOLERANCE DECIMALS: .004, ANGULAR: TOLERANCE: $\pm 1/30^\circ$

NOTES:

1. FOR CLASS J, ADAPTOR, SEALING NUT, SLEEVE AND GROMMET SEE MS 3134 SHEET 3.

2. FOR CLASS P, LOCATOR, SEALING NUT, SLEEVE AND GROMMET SEE MS 3134 SHEET 3.

MAX. ALLOWABLE SHEAR FORCE

INDICATED

SHELL SIZE	MAX. WEIGHT
-3	2.0
-7	2.7
-12	4.0
-19	4.0
-27	4.0
-37	12.0

EXAMPLE OF PART NO.



P.A. NAVY-AS

International
Interest

TITLE

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER TYPE,
JAM NUT MOUNTING,
PUSH-PULL COUPLING, SERIES I

MILITARY STANDARD

Other Class
USAF 17
ARMY ELProcurement Specification
MIL-C-81703

SUPERSEDES:

MS3134

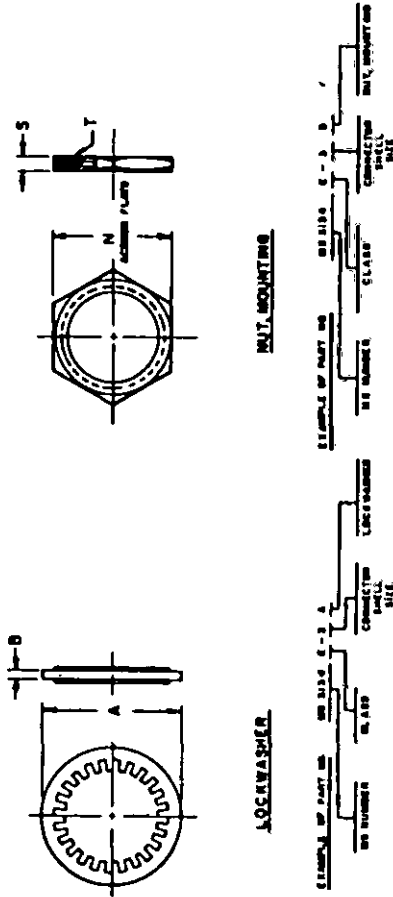
SHEET 2

DD FORM 672 (Guarded) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
10 APR 64

APPROVED 14 MAY 59 REVISED (P) FOR CHANGES SEE SHEETS 1, 2, 3 & 4.

This military standard is approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. It is intended for use by all engineering and design organizations and is mandatory and shall be used in their documents.

FED. SUP CLASS
5935



LOCKWASHER

NUT MOUNTING

LOCKWASHER		NUT MOUNTING		MS NUMBER
A	B	N	S	
CONNECTION SHELL (SEE NOTE 1)	CONNECTION SHELL (SEE NOTE 1)	CONNECTION SHELL (SEE NOTE 1)	CONNECTION SHELL (SEE NOTE 1)	
- 3	.770	.612	.042	MS 3134-13
- 7	.855	.612	.042	MS 3134-17
- 12	1.042	.612	.042	MS 3134-19
- 19	1.182	.612	.042	MS 3134-21
- 27	1.438	.612	.042	MS 3134-23
- 37	1.438	.612	.042	MS 3134-25

ALL DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .005
FRACTIONS ± 1/16

- NOTES:
1. A INDICATES LOCKWASHER
 2. B INDICATES NUT MOUNTING
 3. THE LOCKWASHER AND NUT MOUNTING ARE INTERCHANGABLE FOR USE ON RESISTOR IN JAW CONNECTIONS
 4. LOCKWASHERS - MATERIAL TO BE PHOSPHORUS BRONZE
 5. NUT MOUNTING - MATERIAL "CLASS" - ALUMINUM
 6. "CLASS" - STEEL

P.A. NAVY - AS	International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER TYPE, JAW NUT MOUNTING, PUSH-PULL COUPLING (CLASS E, P, J AND H) SERIES I	MILITARY STANDARD MS 3134
Other Cust USAF-17 ARMY-EI		SUPERSEDES:	SHEET 3
Procurement Specification MIL-C-81703			

This military standard is approved by the Department of Defense and is mandatory for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for replacement use shall be made from this standard.

P.A. NAVY-AS Other Cust USAF-17 ARMY-EL		International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER TYPE JAM NUT MTG. PUSH-PULL COUPLING, SERIES I (CLASS E, P, J AND H)		MILITARY STANDARD MS 3134																																																																																																																																																																																														
Procurement Specification MIL-C-81703			SUPERSEDES:		SHEET 4																																																																																																																																																																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 50%;"> <p style="text-align: center;">CLASS H (HERMETIC)</p> <p style="text-align: center;">STYLE S (SOCKET INSERT)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>SHELL SIZE DASH NO.</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> <th>K</th> <th>L</th> <th>M</th> <th>N</th> <th>O</th> <th>P</th> <th>Q</th> <th>R</th> <th>S</th> <th>T</th> <th>U</th> <th>V</th> <th>W</th> <th>X</th> <th>Y</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>-3</td> <td>.609</td> <td>.435</td> <td>.304</td> <td>.300</td> <td>.396</td> <td>.384</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> <td>.331</td> </tr> <tr> <td>-7</td> <td>.776</td> <td>.570</td> <td>.380</td> <td>.625</td> <td>.531</td> <td>.480</td> <td>.656</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> <td>.531</td> </tr> <tr> <td>-12</td> <td>.891</td> <td>.708</td> <td>.520</td> <td>.749</td> <td>.666</td> <td>.621</td> <td>.781</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> <td>.666</td> </tr> <tr> <td>-19</td> <td>1.016</td> <td>.844</td> <td>.680</td> <td>.879</td> <td>.804</td> <td>.760</td> <td>.906</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> <td>.804</td> </tr> <tr> <td>-27</td> <td>1.198</td> <td>1.000</td> <td>.918</td> <td>1.082</td> <td>.959</td> <td>.918</td> <td>1.093</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> <td>.959</td> </tr> <tr> <td>-37</td> <td>1.297</td> <td>1.120</td> <td>.937</td> <td>1.186</td> <td>1.091</td> <td>1.037</td> <td>1.187</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> <td>1.091</td> </tr> </tbody> </table> <p style="font-size: 8px;">EXAMPLE OF PART NO. MS 3134 H 3500 PX</p> <p style="font-size: 8px;">MS SHELL CLASS SIZE ARRANGEMENT STYLED ORS INSERT POSITION DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES ±.06 (DECIMALS) Y-EYELET C-SOLDER CUP</p> </div> </div>							SHELL SIZE DASH NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	-3	.609	.435	.304	.300	.396	.384	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	.331	-7	.776	.570	.380	.625	.531	.480	.656	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	.531	-12	.891	.708	.520	.749	.666	.621	.781	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	.666	-19	1.016	.844	.680	.879	.804	.760	.906	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	.804	-27	1.198	1.000	.918	1.082	.959	.918	1.093	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	.959	-37	1.297	1.120	.937	1.186	1.091	1.037	1.187	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091
SHELL SIZE DASH NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z																																																																																																																																																																									
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FED. SUP CLASS
5935

STYLE P (PIN INSERT)

- NOTES:
1. "P" DIAMETER MAY BE .005 LARGER FOR THE FIRST .125 INCH THAN AT THE BOTTOM OF THE BORE.
 2. TRUE POSITION (.001) TOLERANCES SPECIFIED ARE IN ACCORDANCE WITH UNAS1 Y14.5-1988 (MIL-STD-20).
 3. DIMENSIONS LOCATING TRUE POSITIONS ARE BASIC.

APPROVED 14 MAY 1959 REVISED (P) FOR CHANGES SEE SHEETS 1, 2, 3 & 4.