

USER SYMBOLS

REVIEWER SYMBOLS

NAVY - AS
USAF - 40 11
ARMY - AV

*Review/user information is current as of the date of this document.
For future coordination of changes to this document, draft circulation
should be based on the information in the current DODISS.

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

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| FED SUP CLASS 5930 | | | | | | | |
| <p>FRONT</p> | | | | | | | |
| <p>BACK</p> | | | | | | | |
| P/N MS25182-2 | | | | | | | |
| FOR DOD USE ONLY. REFER TO DOD DOCUMENTS FOR COMPLETE SPECIFICATION. REFER TO DOD DOCUMENTS FOR COMPLETE SPECIFICATION. | | | | | | | |
| (C) REVISED AND REDESIGNED | | | | | | | |
| PA NAVY - AS Other Cus: USAF - 85 ARMY - A | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;">TITLE</td> <td style="width: 80%; padding: 5px;">MILITARY STANDARD</td> </tr> <tr> <td style="width: 20%; padding: 5px;">SUPERSEDES</td> <td style="width: 80%; padding: 5px;">MS25182</td> </tr> <tr> <td style="width: 20%; padding: 5px;">PROCUREMENT SPECIFICATION PL-T-13143</td> <td style="width: 80%; padding: 5px;">SHEET OF</td> </tr> </table> | TITLE | MILITARY STANDARD | SUPERSEDES | MS25182 | PROCUREMENT SPECIFICATION PL-T-13143 | SHEET OF |
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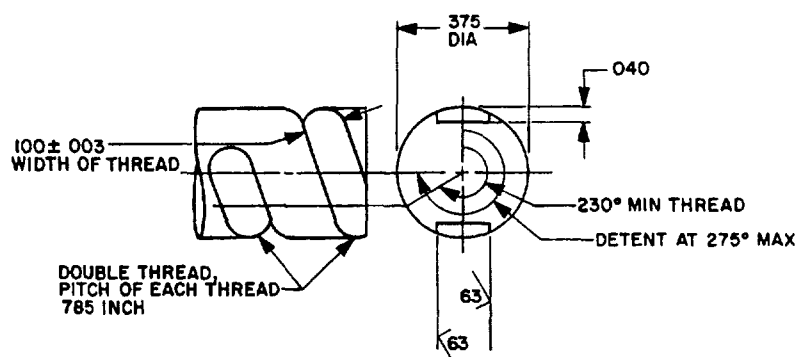
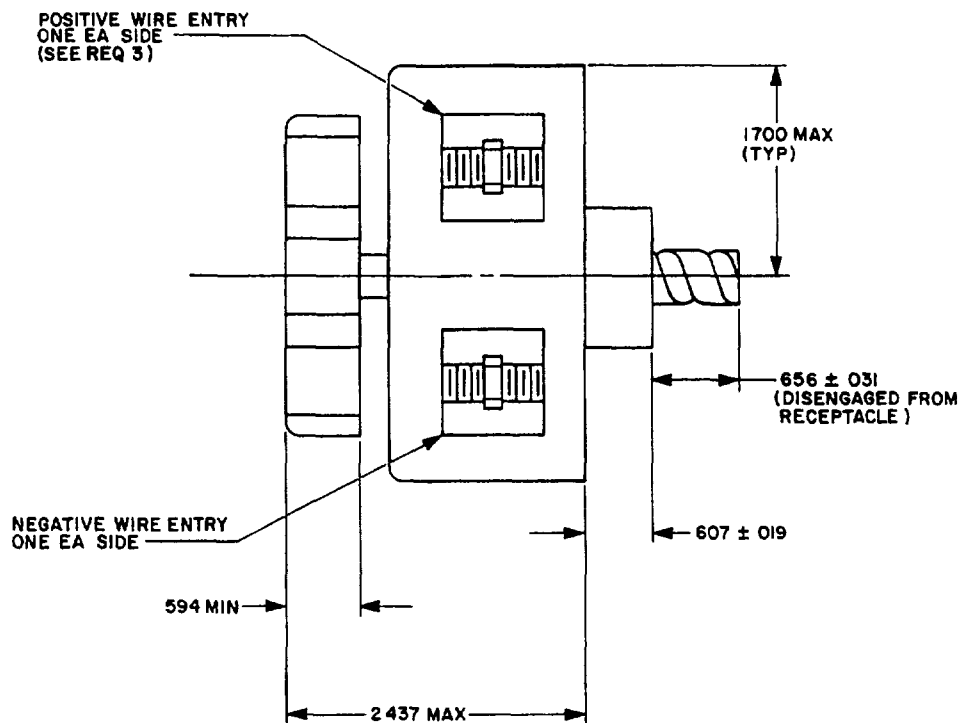
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ALL THREAD DIMENSIONS ARE TYPICAL, ALL TOLERANCES ARE $\pm .005$ UNLESS OTHERWISE SPECIFIED

| | | | |
|--|-------------------------------------|--|------------------------------|
| P + NAVY - AS Other Cus* USAF - 80 ARMY - AV | INTER- NATIONAL INTEREST * | TITLE PLUG ELECTRIC FOUR-WIRE AIRCRAFT STORAGE BATTERY | MILITARY STANDARD MS25182 |
| PROCUREMENT SPECIFICATION MIL-P-18148 | SUPERSEDES | SHEET 2 OF 3 | |

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FED SUP CLASS
5935

REQUIREMENTS

- 1 THE PLUGS SHALL CONFORM TO THE REQUIREMENTS OF MIL-P-18148 FOR FOUR-WIRE PLUGS EXCEPT AS MODIFIED BY THE FOLLOWING
 - 3.6.2 MECHANICAL OPERATION. FOUR-WIRE PLUGS. CHANGE FOURTH SENTENCE TO READ THE TORQUE REQUIRED TO ENGAGE THE PLUG WITH A TYPE MS3509 RECEPTACLE SHALL NOT EXCEED 11.5 INCH-POUNDS AND TO DISENGAGE 5 INCH-POUNDS.
- 2 THE PLUGS SHALL BE USEABLE WITH A MATING TYPE MS3509 RECEPTACLE.
- 3 THE WIRE ENTRY HOLES SHALL BE LARGE ENOUGH TO ACCEPT .900 INCH DIAMETER WIRE. GEOMETRY OF THE HOLES IS OPTIONAL AS LONG AS THIS REQUIREMENT IS MET.
- 4 SLEEVES SHALL BE INSTALLED AROUND THE CONTACT SOCKETS TO PROVIDE ELECTRICAL INSULATION. THE SLEEVES SHALL BE CONSTRUCTED OF A MATERIAL THAT WILL NOT SUPPORT COMBUSTION.

NOTES

- 1 ALL DIMENSIONS ARE IN INCHES. WHERE ONLY MAXIMUM OR MINIMUM DIMENSIONS ARE SHOWN THE PLUG NEED NOT HAVE THE SHAPE SHOWN.
- 2 MS25182-2 SUPERSEDES MS25182-1.

APPROVED 26 MAY 1956 REVISED (C) FOR CHANGES SEE SHEETS 1, 2 & 3

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|--|--------------------------------|--|-------------------|
| P. A. NAVY - AS Other Cust USAF - 80 ARMY - AV | INTER- NATIONAL INTEREST | TITLE PLUG, ELECTRIC, FOUR-WIRE AIRCRAFT STORAGE BATTERY | MILITARY STANDARD |
| | | | MS25182 |
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DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE C 11779