

PLATE NO 23085

APPROVED 26 MAY 1956 (1) 11 71 (1) 1 JUL 56

USER SYMBOLS

REVIEWER SYMBOLS:

NAVY - AS
USAF - 80 11
ARMY - AV

"Review/Use" notation 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 made for use by all firm, military, and agencies of the Department of Defense. Selection for all firm, engineering and design applications and for repetitive use shall be made from this document.

POSITIVE WIRE ENTRY
ONE EA SIDE
(SEE REQ 3)

NEGATIVE WIRE ENTRY
ONE EA SIDE

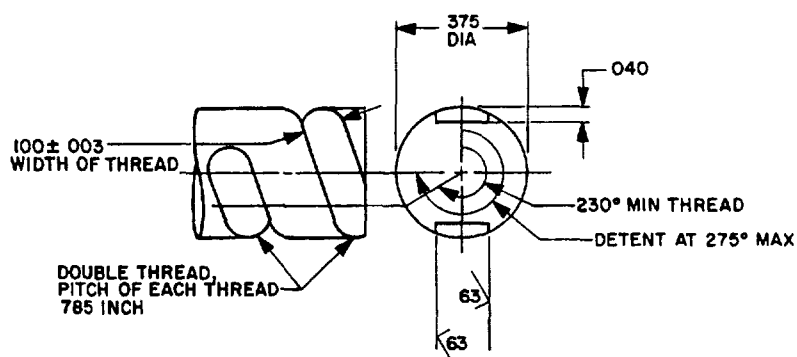
594 MIN

2 437 MAX

1700 MAX
(TYP)

656 ± 031
(DISENGAGED FROM
RECEPTACLE)

607 ± 019



ALL THREAD DIMENSIONS ARE TYPICAL, ALL TOLERANCES ARE
± 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

DD FORM 1 SEP 71 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FOR CHANGES TO SHEET 1, 2 & 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

P. A. NAVY - AS Other Cust 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 3 OF 3

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PLATE C 11779