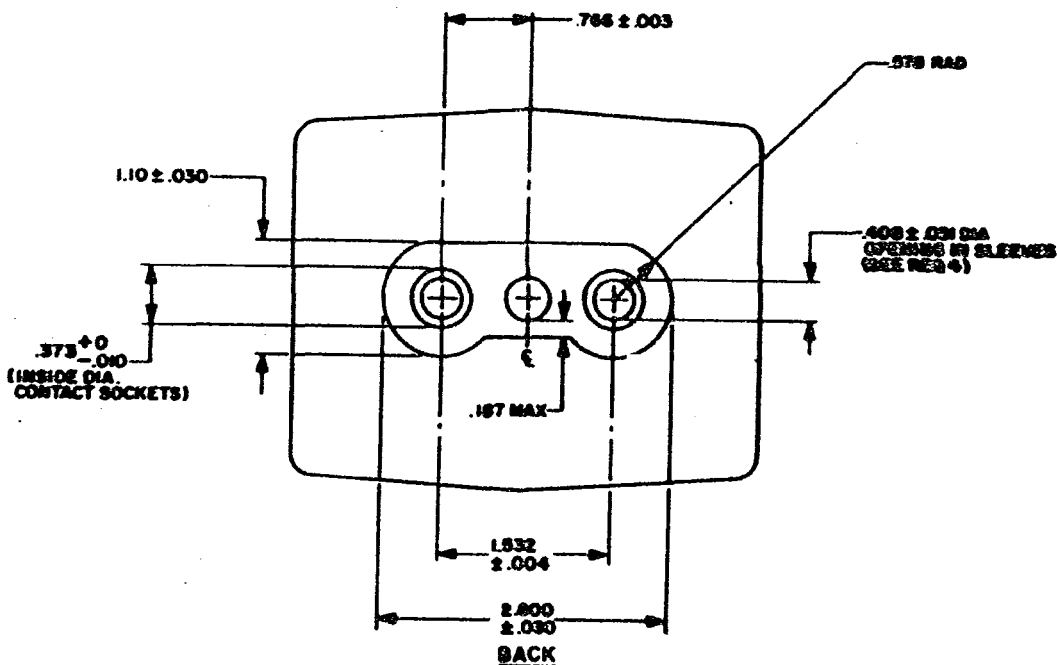
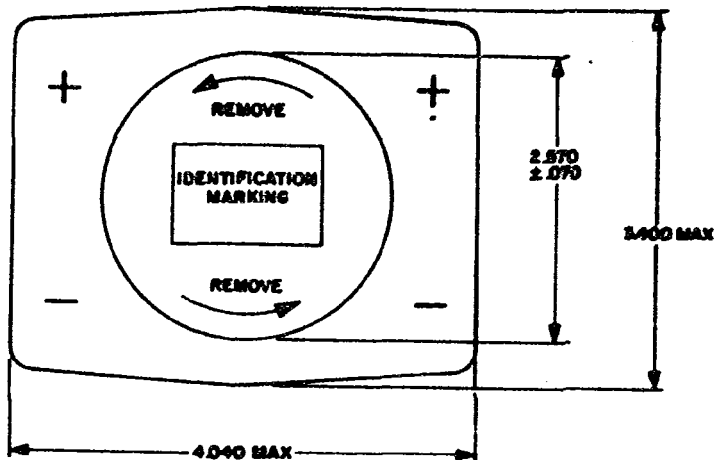


FRONT



P/N MS25182-2

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

G REVISED AND REDRAWN

PA.
NAVY - AS
USAF - 85
ARMY - AV

INTER-
NATIONAL
INTEREST

TITLE

PLUG, ELECTRIC FOUR-CELL
AIRCRAFT STORAGE BATTERY

MILITARY STANDARD

MS25182

PROPOSED REVISIONS
HIL-P-18148

REVISIONS

REVISION 1 OF 3



26 MAY 1956
FOR CHANGES SEE SHEETS 1, 2 & 3

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.

USAF SYMBOLS:
REVIEWER SYMBOLS:
NAVY - AS
USAF - 80, 11
ARMY - AV

"Action/revision information is correct 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 000155."

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

APPROVED 26 MAY 1956 REVISED (C) FOR CHANGED SIZE SHEETS 1, 2 & 3

P.A. NAVY - AS Other Code USAF - 80 ARMY - AV	INTER- NATIONAL INTEREST *	TITLE PLUG, ELECTRIC, FOUR-WIRE, AIRCRAFT STORAGE BATTERY	MILITARY STANDARD	
			MS25182	
PROPOSED SPECIFICATION MIL-P-18148		DISCONTINUED	WEIGHT 3 3	