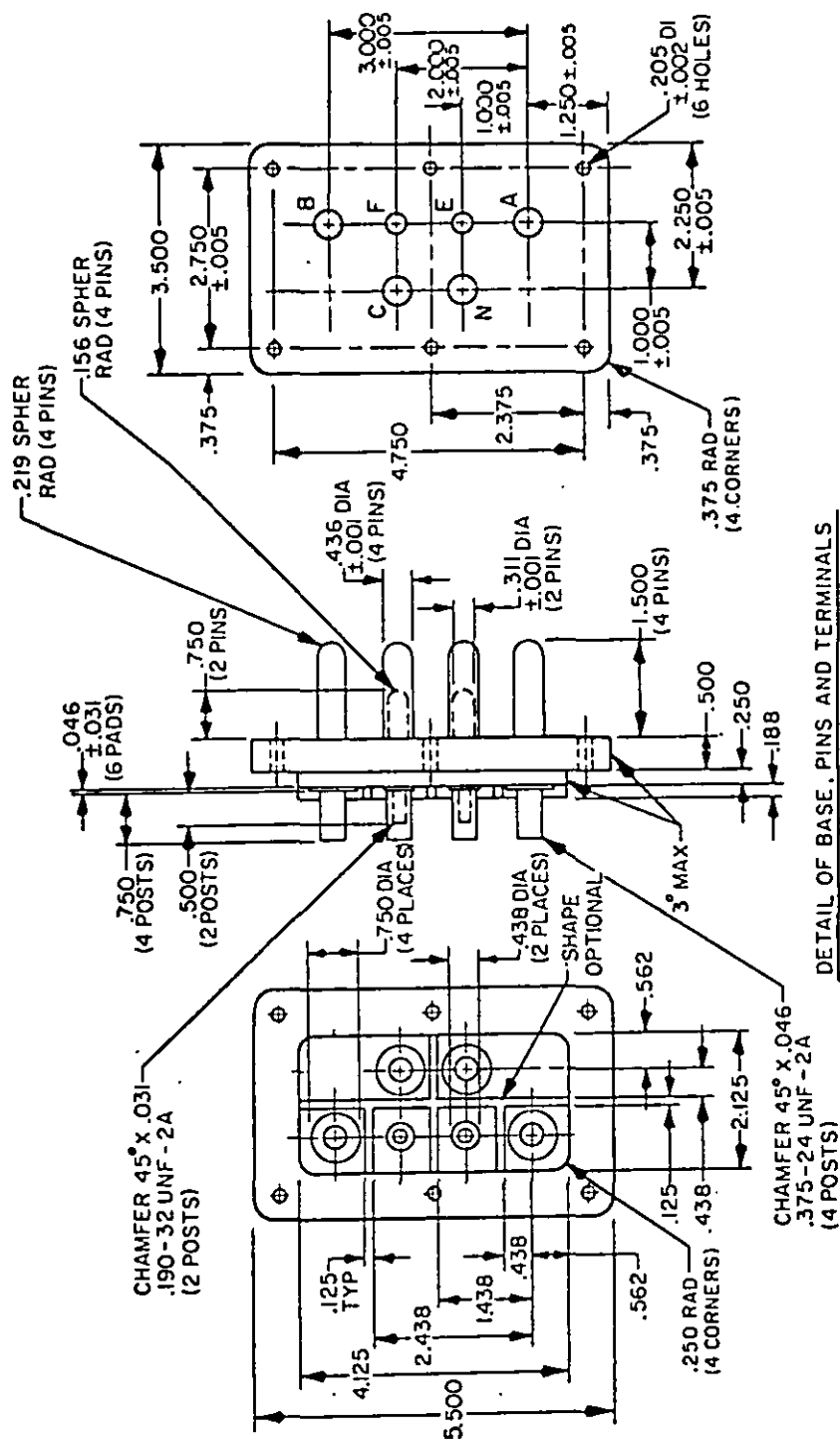


This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.



FED. SUP CLASS
5935

DETAIL OF BASE, PINS AND TERMINALS

(A) DENOTES CHANGES

P.A - 85	International Interest	TITLE CONNECTOR, RECEPTACLE, EXTERNAL POWER, AIRCRAFT, 230/400 VOLT, 400 Hz	MILITARY STANDARD
Other Cust - AS			MS21379
Procurement Specification MIL-C-81790		SUPERSEDES:	PAGE 1 OF 2

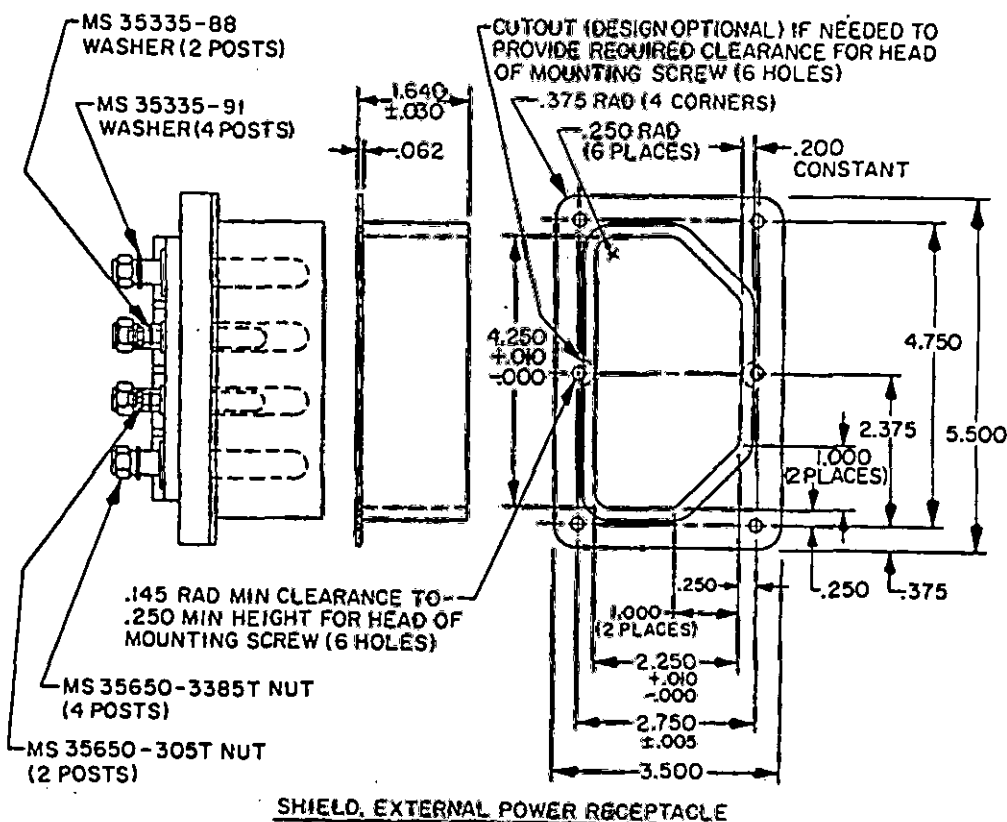
DD FORM 672
1 MAY 73
AMSC N/A

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935 - 3647

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

APPROVED	12 JAN 73	REVISED (A)	24 JUL 87
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FED. SUP CLASS
5935User activities: Army -
Navy -
Air Force - 71Review activities: Army -
Navy - AS
Air Force - 89, 71

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .015$.
3. Use: This receptacle and shield shall meet the design requirements and quality assurance provisions of MIL-C-81790.
4. This receptacle and shield is designed to fit and mate with plug MS21378.
5. Shield material - as required by MIL-C-81790 for shields for three (3) contact receptacles.
6. Fluid immersion test -
 - a. Liquid coolant - dielectric fluid synthetic silicate ester base (Coolanol 25 or equivalent).
 - b. Hydraulic fluid NR specification (chevron M2V) ST1045LB0001 or equivalent
 Immersion time shall be 5 minutes. Remove 24 hours \pm 2 hours. Repeat for 5 cycles.
 - c. Oil per MIL-L-23699 { Immerse one sample in each for 20 \pm 1 hour.
 - d. JP-4 per MIL-T-5624 { Remove and wipe free of fluids.
7. Terminals shall be marked on both front and back of receptacle dielectric. Location of marking optional.
8. For torque values see MIL-C-81790.
9. Impact test: The impact test of the specification shall be performed on the shield, with the impact applied to the center of one of the longer edges, perpendicular to the surface of the side.
10. For design festure purposes, this standard takes precedence over procurement documents referenced herein.
11. Referenced documents shall be of the issue in effect on date of invitation for bids.

REVISED (A) FOR CHANGES SEE PAGE 2
APPROVED 12 JAN 73

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