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AS35061

FEDERAL SUPPLY CLASS
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PREPARED BY SAE SUBCOMMITTEE AE-8F, POWER DISTRIBUTION

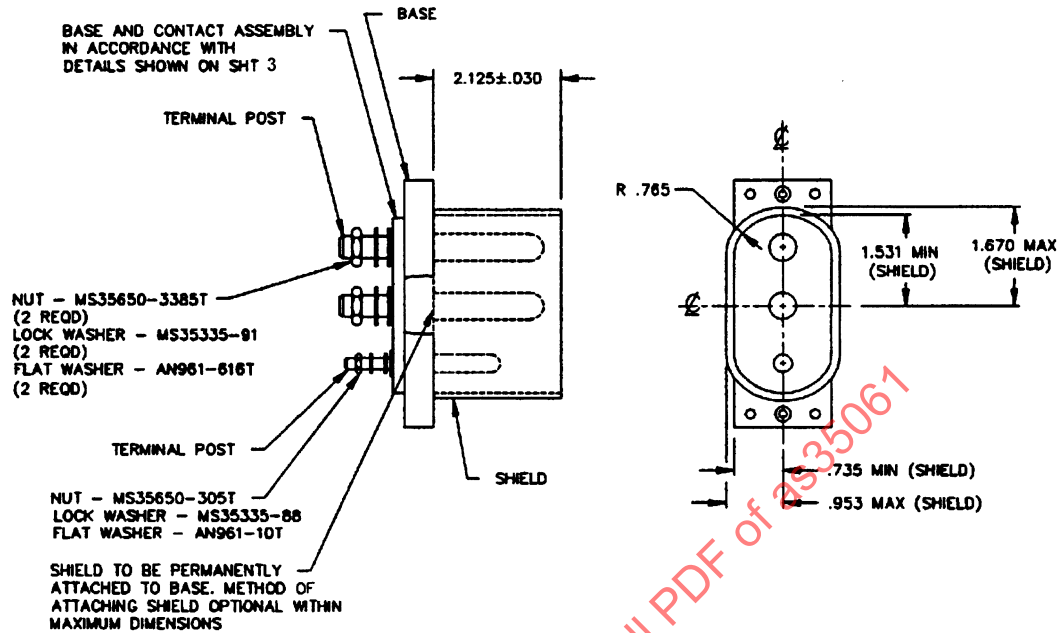
SAE Aerospace
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AEROSPACE STANDARD

CONNECTOR, RECEPTACLE EXTERNAL ELECTRIC
POWER, AIRCRAFT, 28 VOLT DC OPERATING POWER

AS35061
SHEET 1 OF 3

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-81790.



PART NO.	SUPERSEDES	MAX WT. (LBS)
MS3506-1	AN2552-3A	.90

REQUIREMENTS:

1. MATERIAL: SEE PROCUREMENT SPECIFICATION.
2. THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.
3. SEE MS25488 FOR PLUG USED WITH THIS RECEPTACLE.
4. TERMINALS SHALL BE PERMANENTLY IDENTIFIED FRONT AND REAR AS SHOWN ON SHEET 3.
5. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .015$. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5-1982.
6. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTER LINES.
7. 2° MAXIMUM DRAFT ANGLE IS ALLOWABLE.

NOTES:

1. IN NEW INSTALLATIONS, THE RECEPTACLE SHOULD BE MOUNTED BY THE 4 CORNER MOUNTING HOLES ONLY.
 2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS OF BID OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
 3. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- * CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASCC AIR STANDARD 12/6 AND STANAG 3302. WHEN REVISION, OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.