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REV.
B

AS35061™

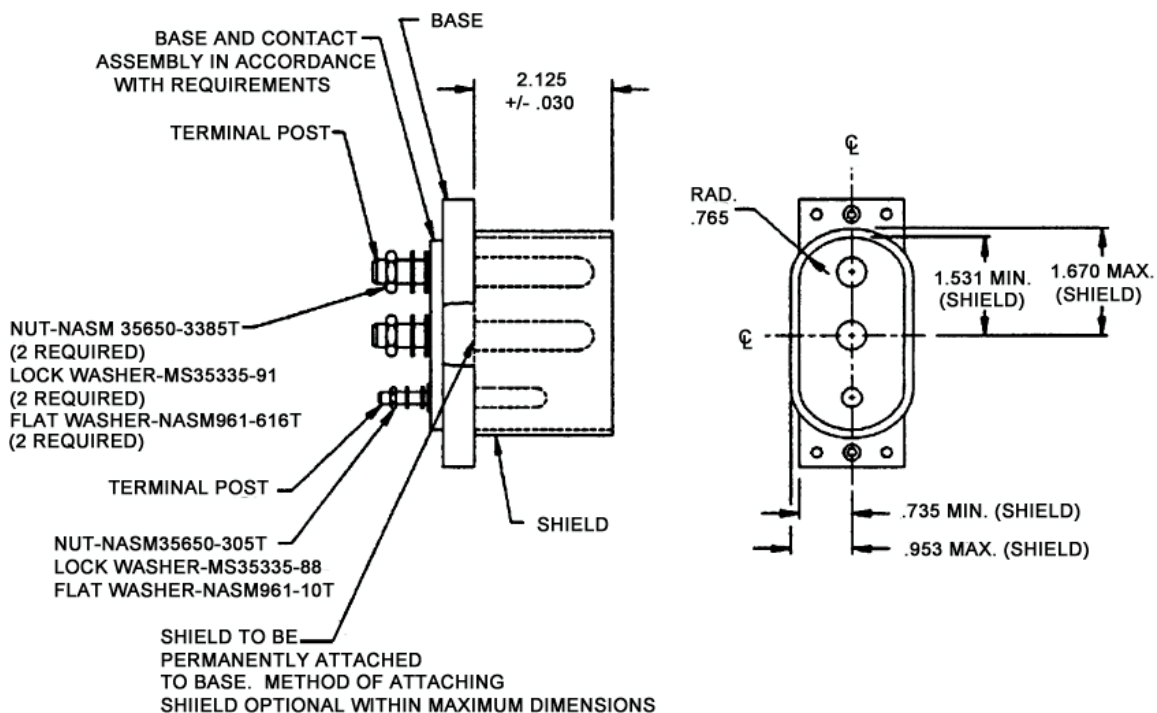
FEDERAL SUPPLY CLASS
5935

RATIONALE

TO CORRECT REQUIREMENT # 5 TO APPLY TO FIGURE 1 ONLY, THE REQUIREMENT IS CURRENTLY WRITTEN TO APPLY TO FIGURES 1 AND 2.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81790.

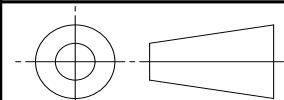


PART NUMBER	SUPERSEDES	MAXIMUM WEIGHT (POUNDS)
MS3506-1	AN2552-3A	.90

FIGURE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS35061B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS81790



AEROSPACE STANDARD

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

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SHEET 1 OF 2

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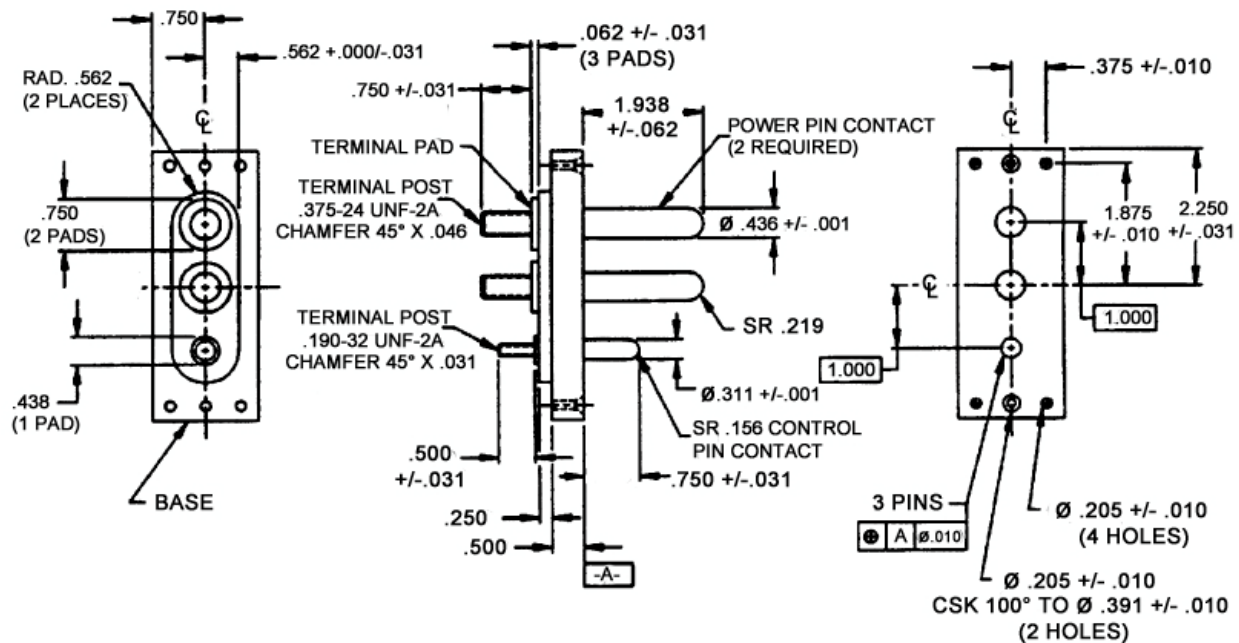


FIGURE 2 - BASE AND CONTACT ASSEMBLY

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81790.

1. DESIGN:

THE CONNECTOR SHALL BE DESIGNED IN ACCORDANCE WITH FIGURES 1 AND 2. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES FOR DECIMALS ARE $\pm .015$. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTER LINES. THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.

2. MATERIAL: REFER TO AS81790.

3. MATING CONNECTOR: REFER TO AS25488 AND AS90347 FOR MATING PLUG FOR THIS RECEPTACLE.

4. TERMINALS SHALL BE PERMANENTLY IDENTIFIED FRONT AND REAR AS SHOWN IN FIGURE 2.

5. A 2° MAXIMUM DRAFT ANGLE IS ALLOWABLE (APPLICABLE TO FIGURE 1 ONLY).

APPLICATION NOTES:

1. IN NEW INSTALLATIONS, THE RECEPTACLE SHOULD BE MOUNTED BY THE FOUR CORNER MOUNTING HOLES ONLY.

SPECIFICATION NOTES:

1. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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