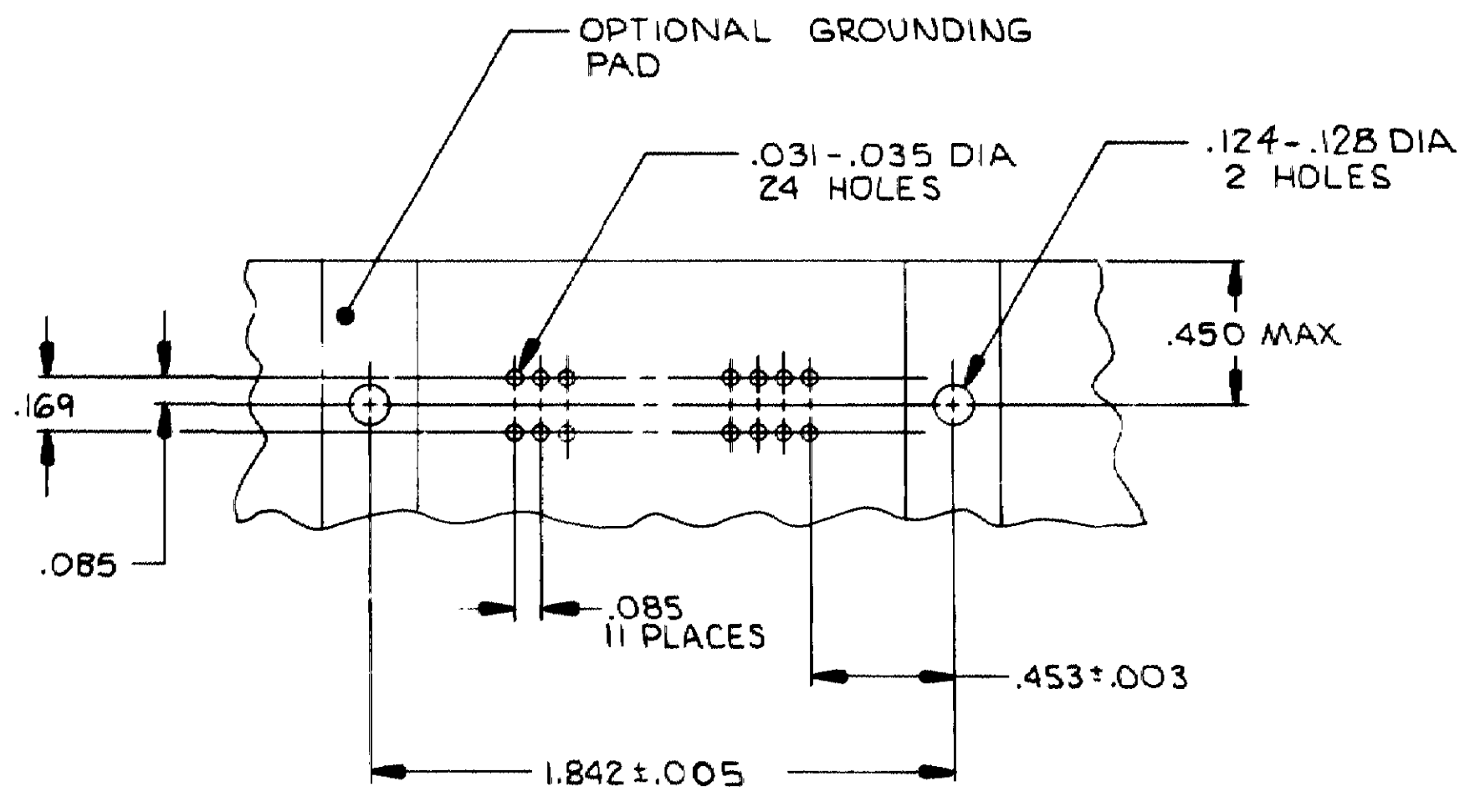
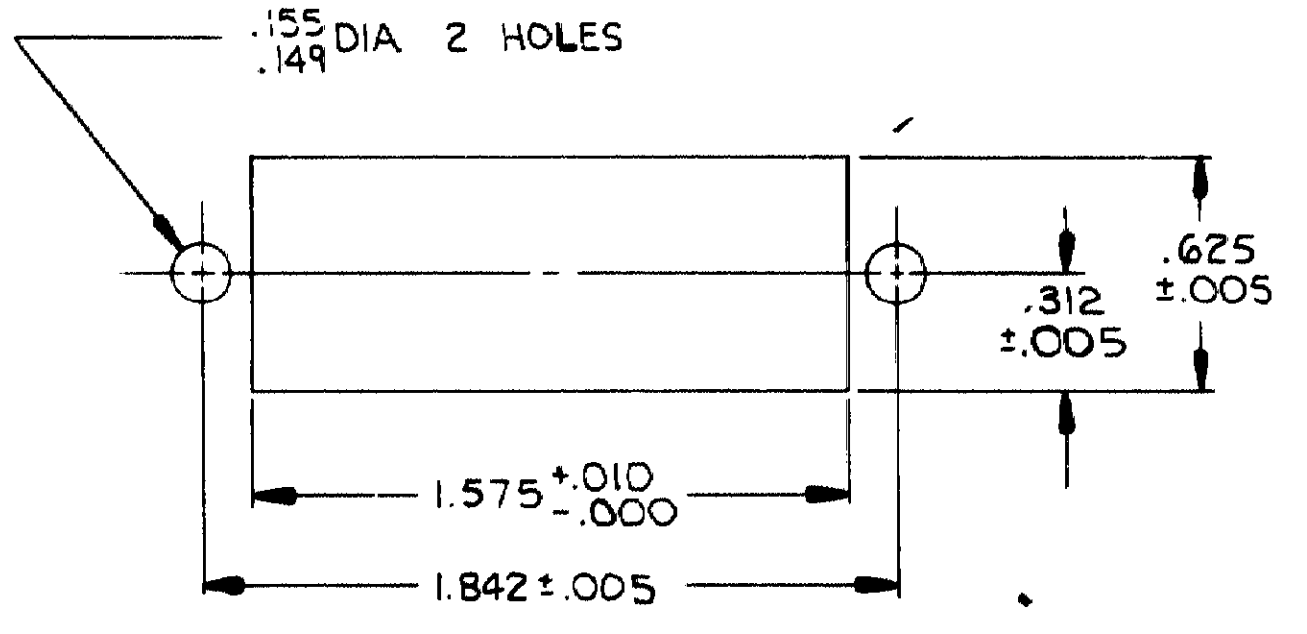


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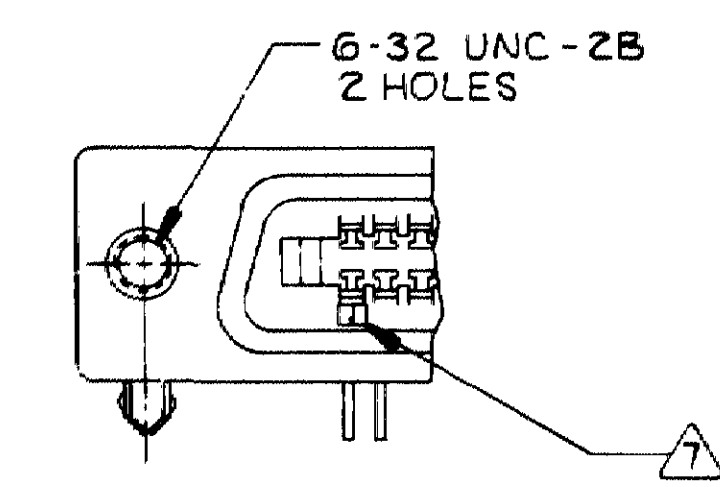
| REVISIONS | | | | | |
|-----------|---|----------|---------------------|---------|----------|
| P | F | ZONE/LTR | DESCRIPTION | DATE | APPROVED |
| 1 | | C | REV PER ECN AA-4110 | 8-11-87 | ST |



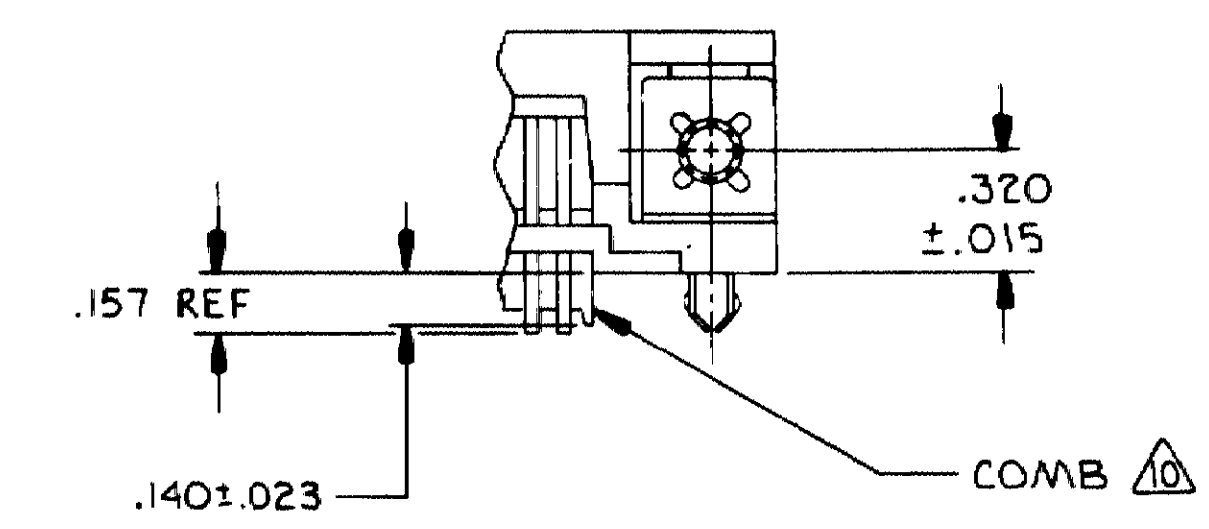
SUGGESTED PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS



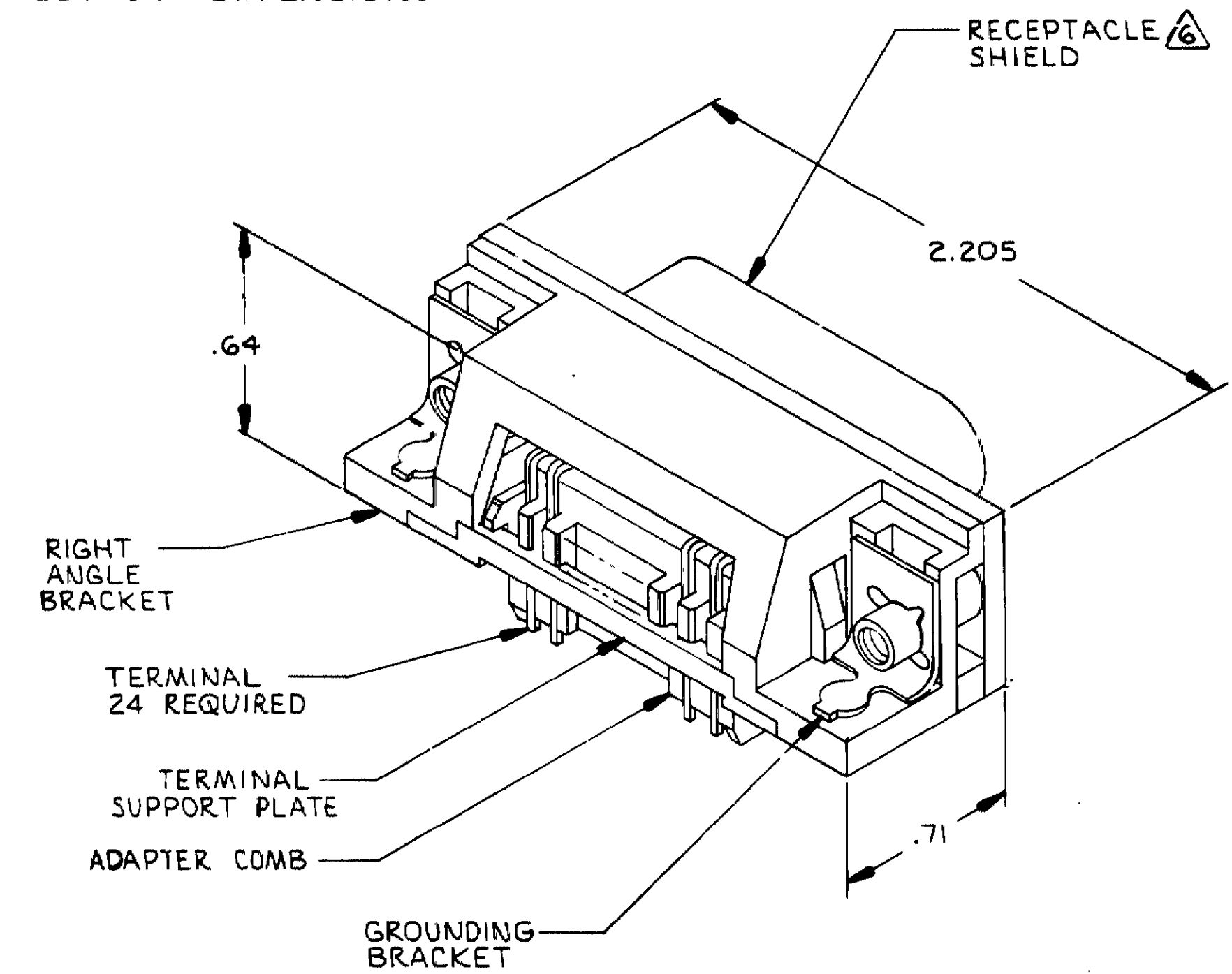
SUGGESTED REAR PANEL MOUNTING CUTOUT DIMENSIONS



DETAIL A REVERSE ORIENTATION



DETAIL B



RIGHT ANGLE BRACKET

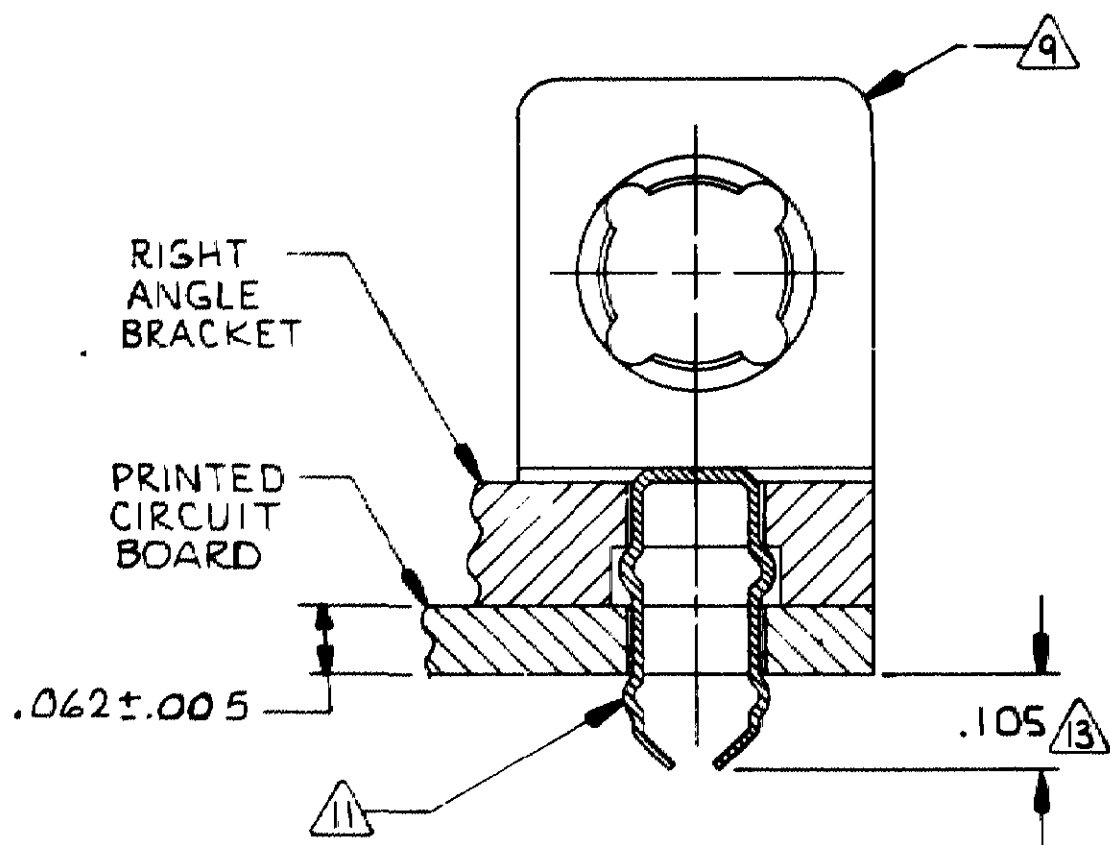
TERMINAL 24 REQUIRED

TERMINAL SUPPORT PLATE

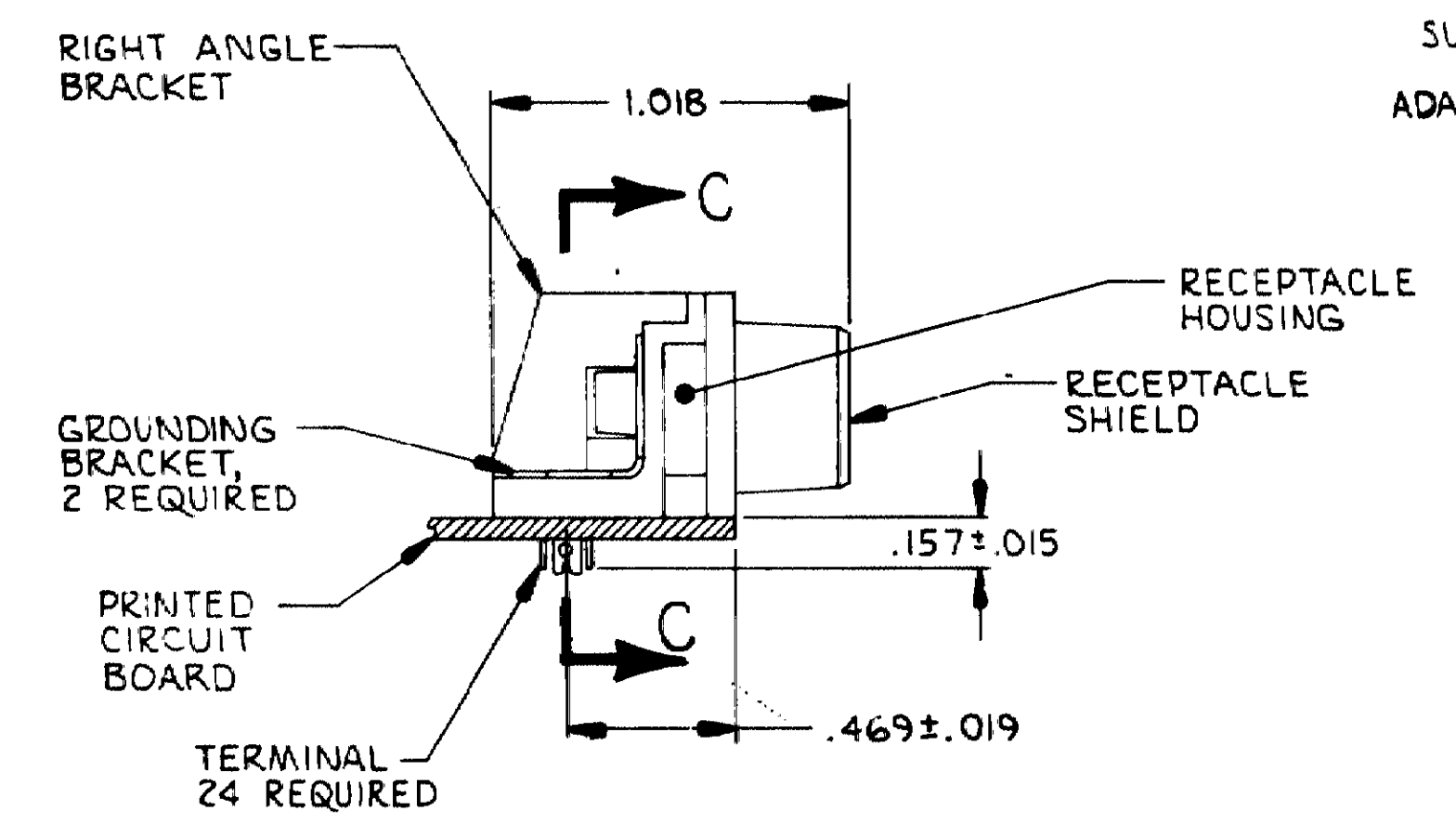
ADAPTER COMB

GROUNDING BRACKET

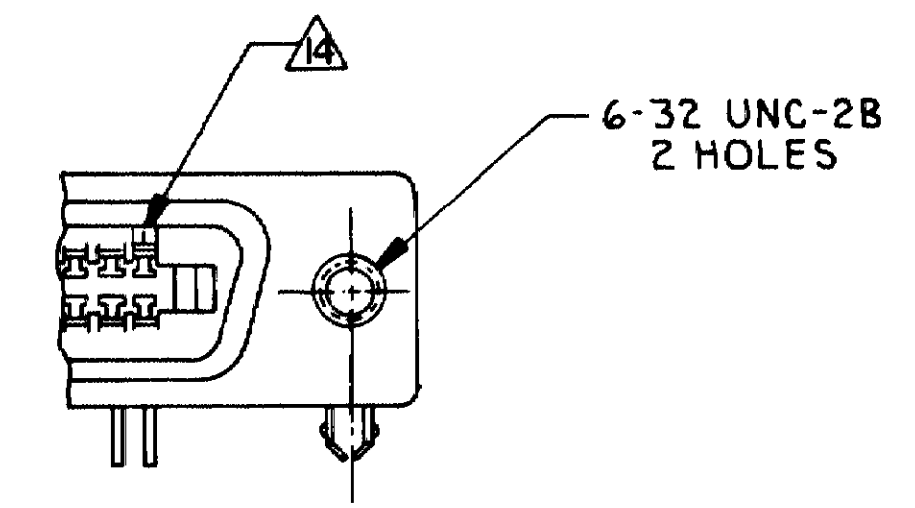
RECEPTACLE SHIELD



SECTION C-C SCALE: NONE



REAR PANEL MOUNTING DETAIL SHOWN FOR REFERENCE ONLY



DETAIL D STANDARD ORIENTATION

- ⚠ MATERIAL: HOUSING, BRACKET, ADAPTER COMB AND TERMINAL SUPPORT PLATE - POLYESTER, BLACK. RECEPTACLE SHIELD - BRIGHT NICKEL OVER COPPER PLATED DIE CASTING. TERMINALS - TAILS-TIN LEAD OVER NICKEL PLATED HIGH STRENGTH COPPER ALLOY. MATING SURFACE - LOCALIZED GOLD OVER NICKEL PLATED HIGH STRENGTH COPPER ALLOY. GROUND BRACKET - TIN-LEAD PLATED CARBON STEEL
- 2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
- 3. CENTER-TO-CENTER SPACING OF TERMINALS IS .085 NOMINAL.
- 4. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- ⚠ DETAILS A & D IS VIEWED FROM MATING SIDE OF RECEPTACLE ASSEMBLY.
- ⚠ SHIELD IS ASSEMBLED TO RECEPTACLE ASSEMBLY BEFORE SHIPMENT.
- ⚠ TERMINAL 1 LOCATED IN THIS ROW FOR REVERSE ORIENTATION, SEE DETAIL A.
- 8. PANEL THICKNESS RANGE: .062 MAXIMUM.
- ⚠ GROUNDING BRACKET RETAINS CONNECTOR IN .062 THICK PC BOARD WITHOUT ADDITIONAL HARDWARE.
- ⚠ IF TERMINALS DO NOT EXTEND BELOW COMB, THEN COMB SHALL BE PARTIALLY RETRACTED BEFORE INSERTING CONNECTOR INTO PC BOARD.
- ⚠ GROUNDING BRACKET LOCATES CONNECTOR FLUSH WITH TOP OF PC BOARD AND SPRING LOCKS BENEATH.
- ⚠ CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.
- ⚠ SURFACE AREA OF GROUNDING BRACKET BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH AMP SPECIFICATION 109-11-2. DISCOLORATION, SCRATCHES, SPOTS AND OTHER COSMETIC DEFICIENCIES TYPICAL OF BARREL PLATING PROCESSES ARE ACCEPTABLE PROVIDING PARTS PASS 24 HOUR EXPOSURE AT 95% RH AT 40°C WITHOUT EVIDENCE OF CORROSION.
- ⚠ TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION, SEE DETAIL D.

| | | |
|------------|---------------------|----------|
| D | STANDARD | -2 |
| A | REVERSE ORIENTATION | 554923-1 |
| SEE DETAIL | | PART NO |

| | | | |
|---|----------------------------|--|---------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS : — ANGLES : — | CONTRACT NO | AMP INCORPORATED Harrisburg, Pa. 17105 | |
| | DR Victor E. Staal 2/19/86 | NAME RECEPTACLE ASSEMBLY, SHIELDED, 24 POSITION, RIGHT ANGLE, SCREW LOCK, FLUSH PANEL MOUNTING WITH BOARD LOCK GROUND CHAMP® | |
| MATERIAL | CHK R.C. Clark 2-21-86 | SIZE | FSCM NO |
| FINISH | APPD [Signature] | DRYING NO | |
| | DSGN APPD | D | 00779 |
| | OTHER APPD | SCALE | 2:1 |
| | | SHEET | 1 OF 1 |