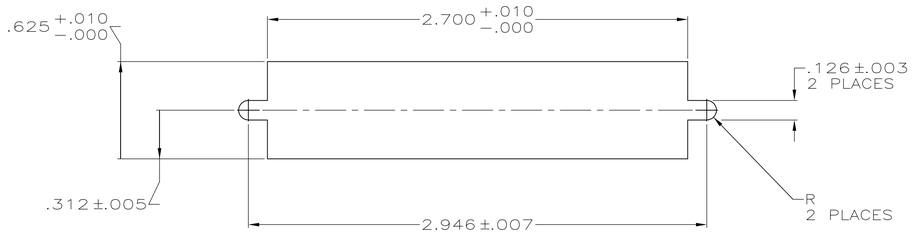
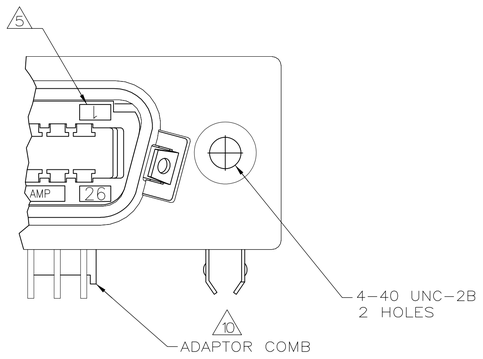
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

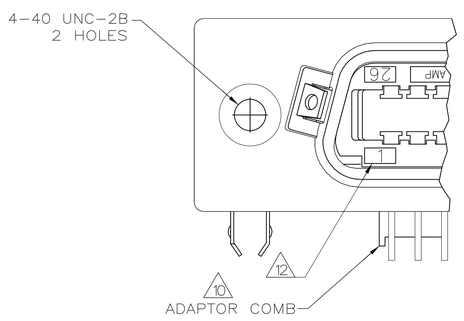
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | D | REVISED PER ECO-08-007327 | 08APR08 | BM | WM |
| | D1 | REVISED PER ECO-09-024927 | 07NOV09 | KK | AEG |




SUGGESTED BRACKET CUTOUT
MOUNTING DIMENSIONS
SCALE 2:1




VIEW A–A
STANDARD ORIENTATION
ROTATED 180° CCW




VIEW C–C
REVERSE ORIENTATION
ROTATED 180° CCW

1. MATERIAL:
HOUSING AND ADAPTER COMB – POLYESTER, BLACK.
SUPPORT PLATE – POLYESTER, NATURAL (OR EQUIVALENT).
SHIELD – BRIGHT NICKEL OVER COPPER PLATED ZINC.
TERMINALS – HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER 0.76μm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76μm [.000030] MIN TOTAL ON MATING SURFACE. 3.05μm [.000120] MIN TIN–LEAD PLATE ON TAILS. ALL OVER 1.27μm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
RETENTION GROUND BRACKET – TIN–LEAD PLATED CARBON STEEL.

2. COVER – POLYESTER,NATURAL,(OR EQUIVALENT),PLATED MATTE COPPER 3.81μm [.000150] MINIMUM THICK, BENEATH MATTE NICKEL PLATE, 3.81μm [.000150] MINIMUM THICK.

3. CENTER–TO–CENTER SPACING OF TERMINALS IS 2.16[.085] NOMINAL.

4. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

5. TERMINAL 1 LOCATED THIS ROW FOR STANDARD ORIENTATION, SEE VIEW A–A.

6. GROUNDING BRACKET RETAINS CONNECTOR IN 1.57 [.062] THICK PC BOARD WITHOUT ADDITIONAL HARDWARE.

7. GROUNDING BRACKET LOCATES CONNECTOR FLUSH WITH TOP OF PC BOARD AND SPRING LOCKS BENEATH.

8. CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.

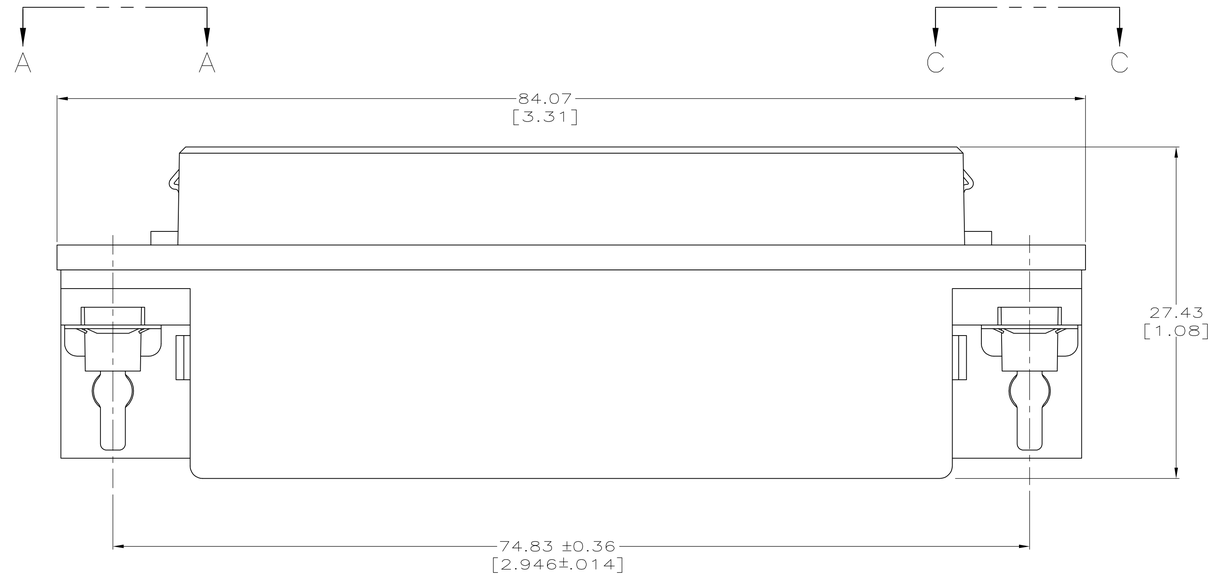
9. SURFACE AREA OF BOARDLOCK GROUNDING BRACKET BELOW PC PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH TYCO SPEC 109–11–2. DISCOLORATION, SCRATCHES, SPOTS AND OTHER COSMETIC DEFICIENCIES TYPICAL OF BARREL PLATING PROCESSES ARE ACCEPTABLE PROVIDING PARTS PASS 24 HOUR EXPOSURE AT 95% RH AT 40°C WITHOUT EVIDENCE OF CORROSION.

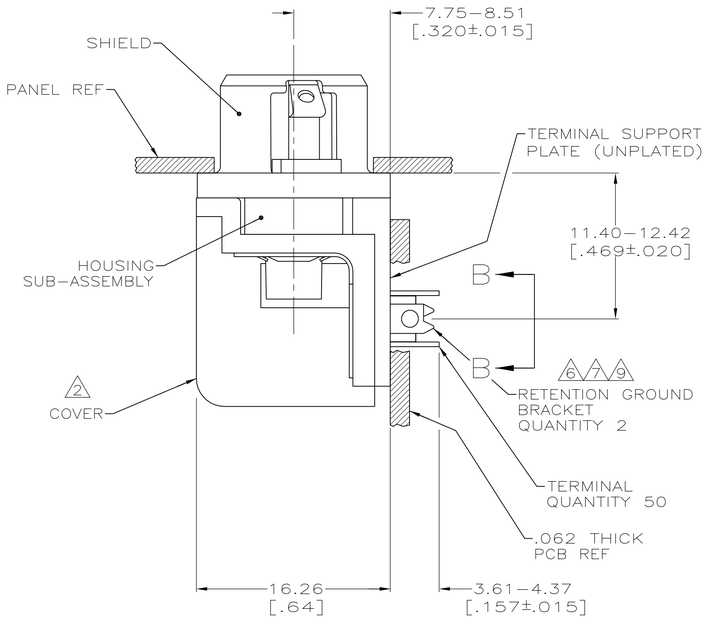
10. IF TERMINALS DO NOT EXTEND BELOW COMB, COMB SHALL BE PARTIALLY RETRACTED BEFORE INSERTING CONNECTOR INTO PC BOARD.

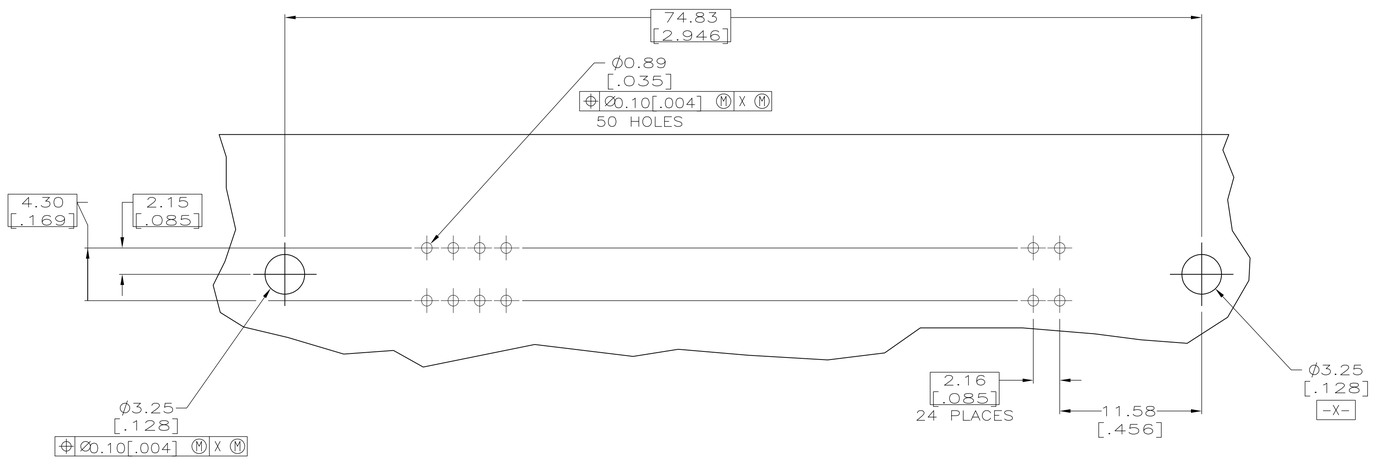
11. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.

12. TERMINAL 1 LOCATED THIS ROW FOR REVERSE ORIENTATION, SEE VIEW C–C.

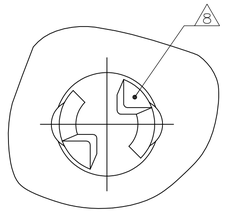
13. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI




SUGGESTED PRINTED CIRCUIT BOARD
MOUNTING DIMENSIONS




VIEW B–B
SCALE 8:1

| | | | |
|---|---|---|---|
| OBSOLETE 13 | 25–50 | 11 REVERSE,VIEW C–C | ~~1368355-6~~ |
| | 25–50 | 5 STANDARD,VIEW A–A | ~~1368355-5~~ |
| | 1–26/25–50 | 11 REVERSE,VIEW C–C | ~~1368355-4~~ |
| | 1–26/25–50 | 5 STANDARD,VIEW A–A | ~~1368355-3~~ |
| | 1–26 | 11 REVERSE,VIEW C–C | 1368355-2 |
| | 1–26 | 5 STANDARD,VIEW A–A | 1368355-1 |
| | LATCH END | ORIENTATION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± – ; 3 PLC ± – ; 4 PLC ± – ; ANGLES ± – (4)

MATERIAL 1 2

FINISH 1 2

DWN D.L. DRUMMOND 20FEB2003
CHK R.P. MCCRAW 20FEB2003
APVD R.P. MCCRAW 20FEB2003
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
RECEPTACLE ASSEMBLY,
50 POSITION,SHIELDED,RIGHT ANGLE,
BOARD LOCK,INTEGRAL LOCKING LATCH,CHAMP

| SIZE | CAGE CODE | DRAWING NO. | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-1368355 | – |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV D1