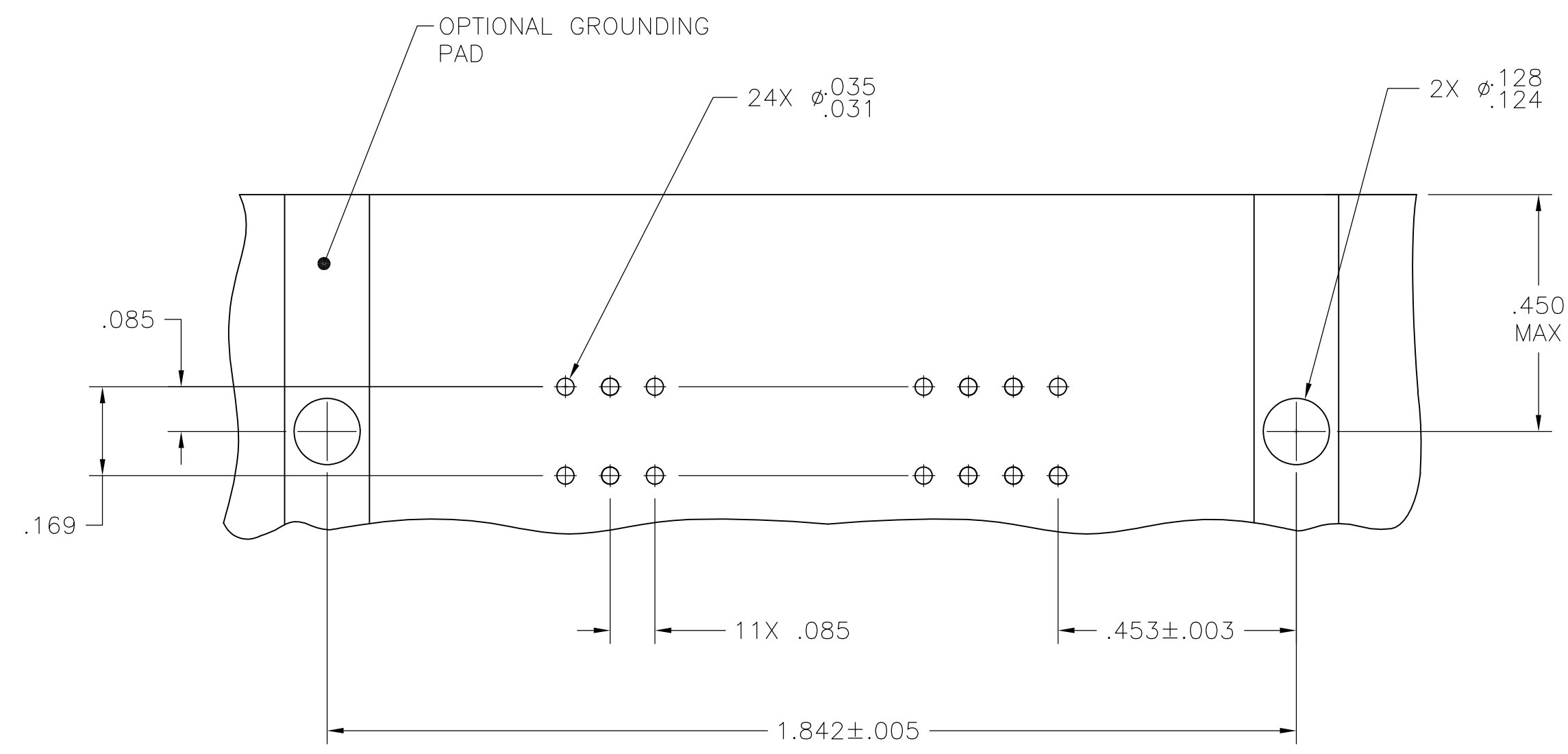


D

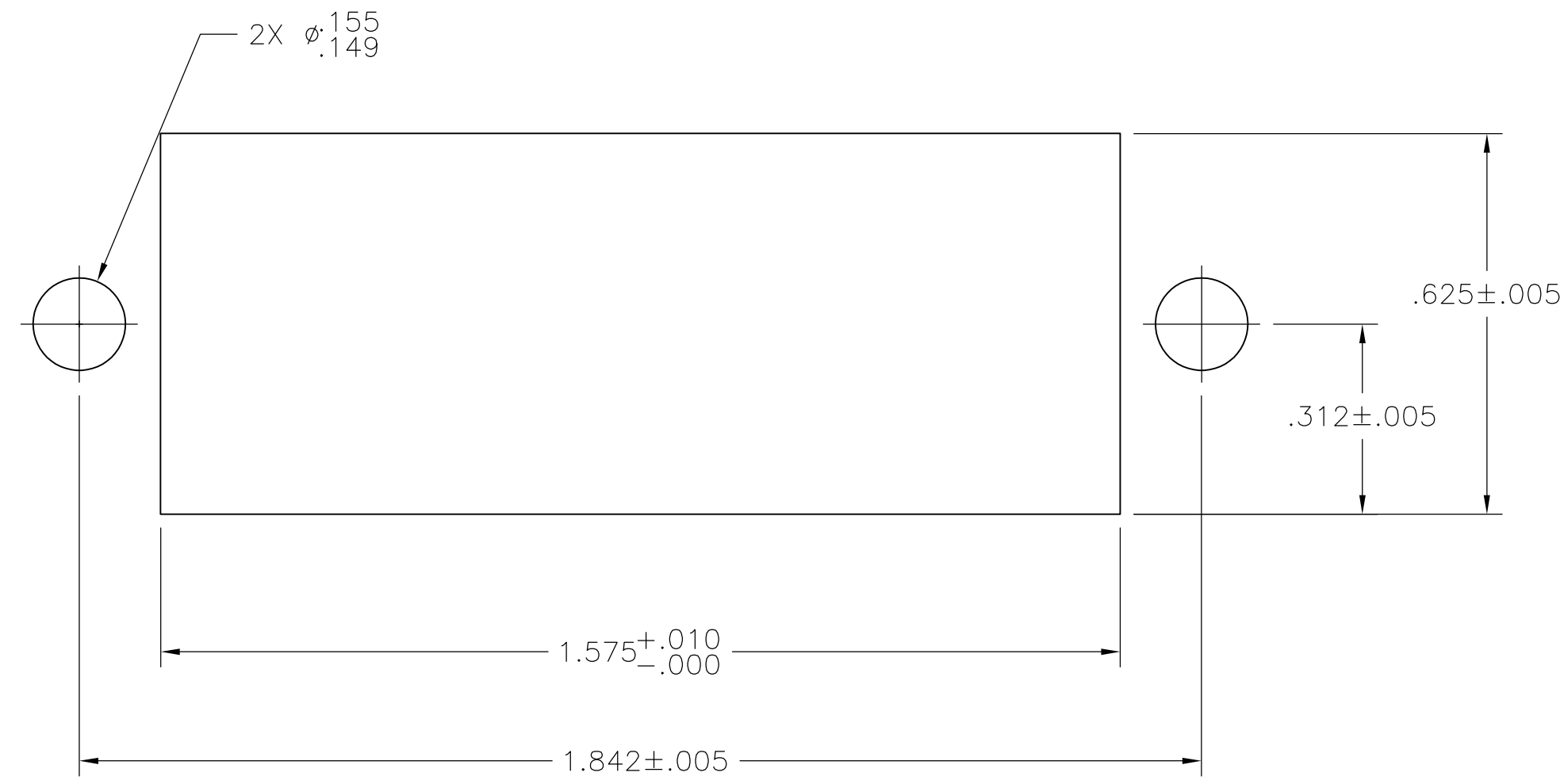
C

B

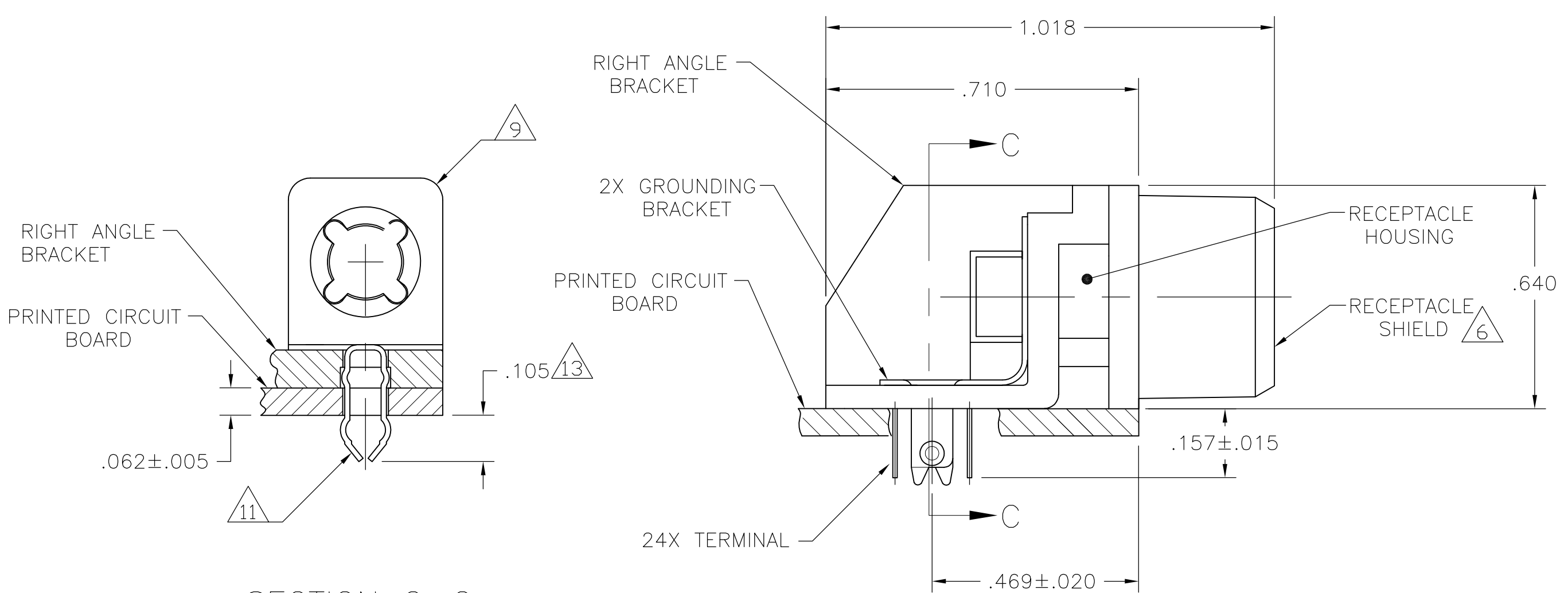
A



SUGGESTED PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS

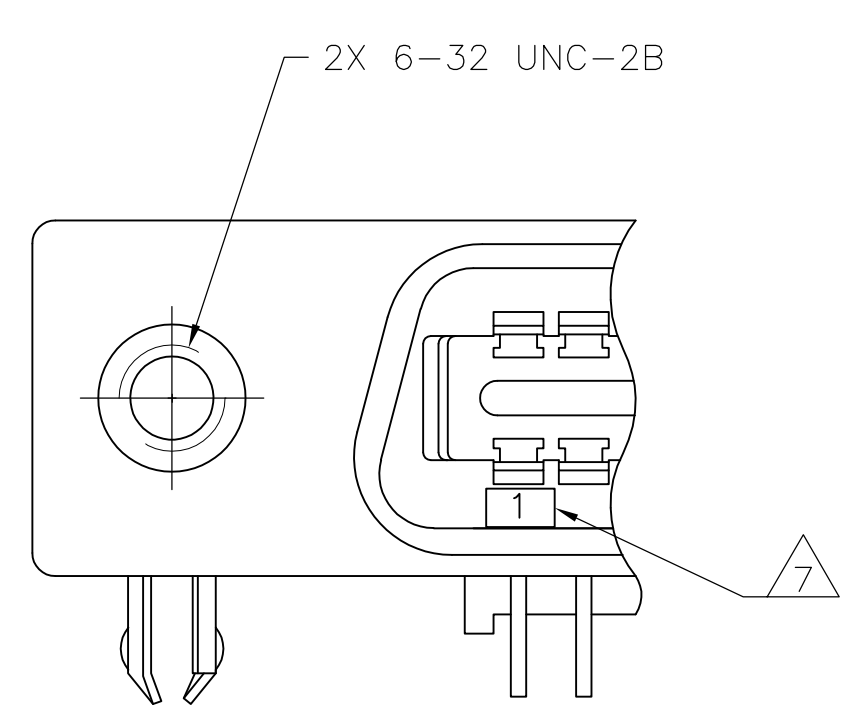
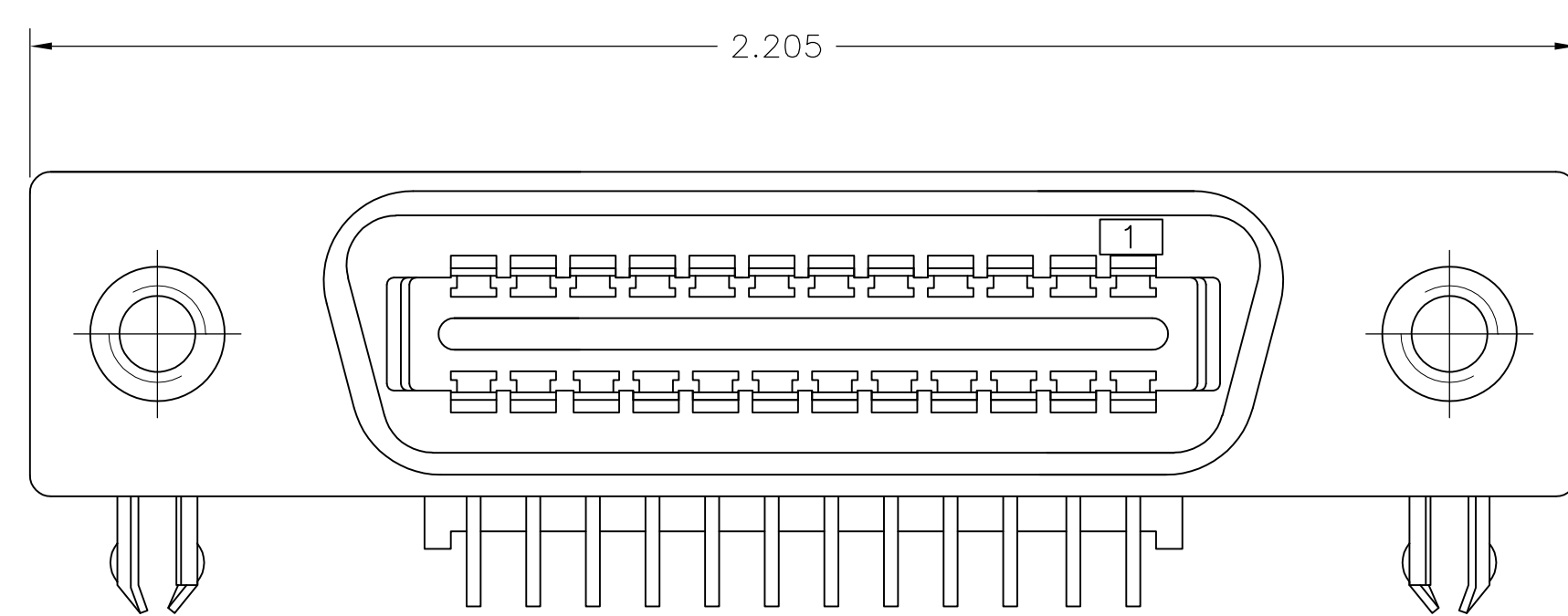


SUGGESTED REAR PANEL MOUNTING CUTOUT DIMENSION

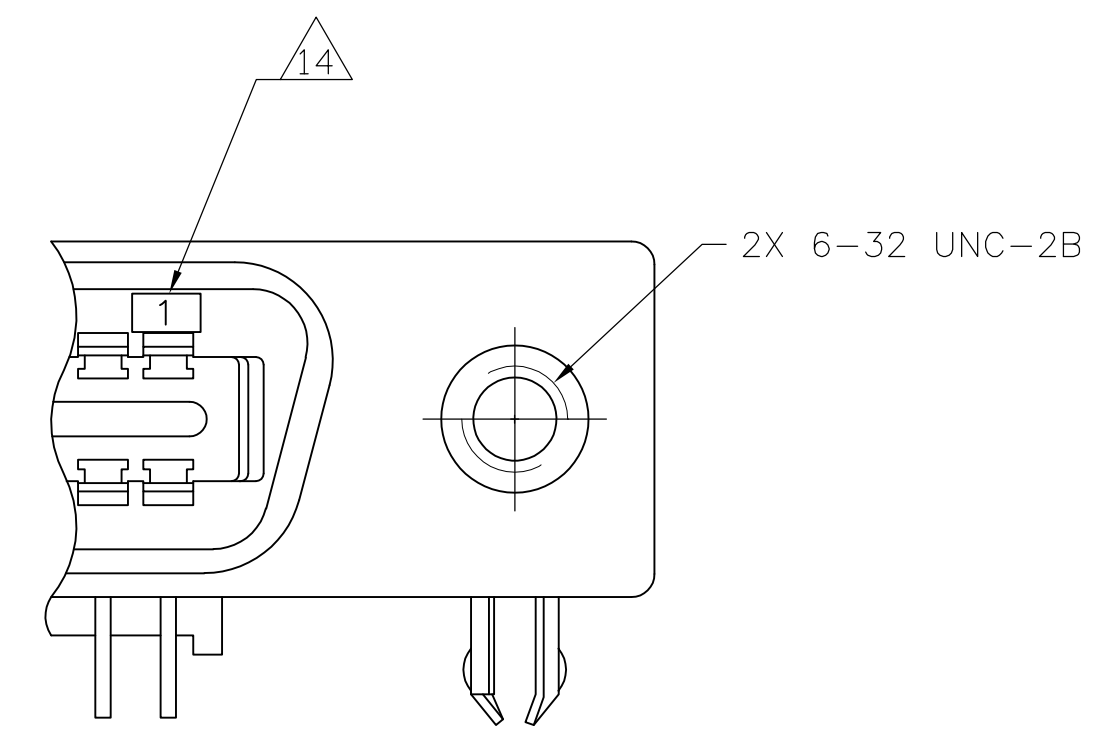


SECTION C-C

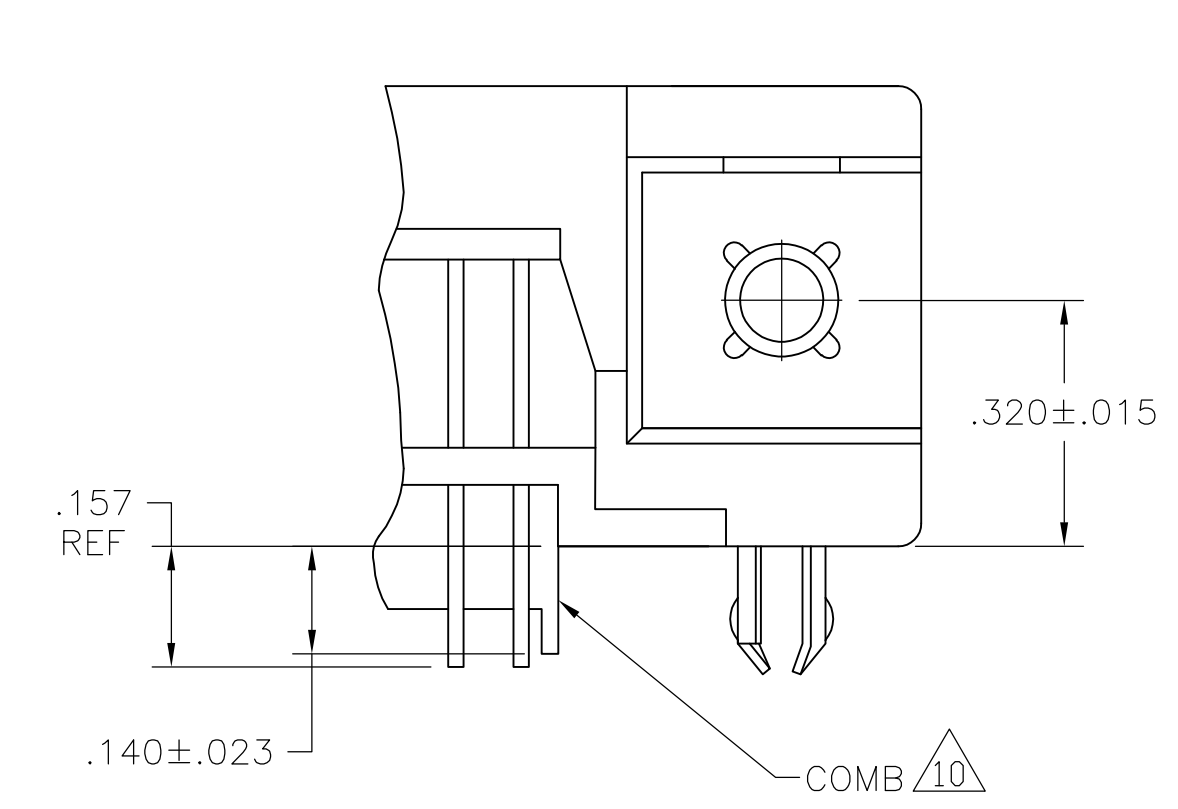
REAR PANEL MOUNTING DETAIL SHOWN FOR REFERENCE ONLY



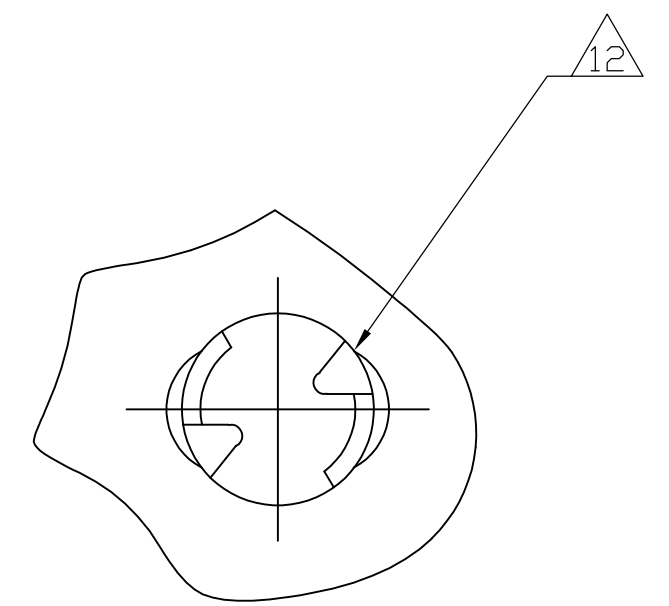
DETAIL A REVERSE ORIENTATION



DETAIL D STANDARD ORIENTATION



DETAIL B



1. MATERIAL:
HOUSING, BRACKET, ADAPTER COMB & TERMINAL SUPPORT PLATE – POLYESTER, BLACK.
RECEPTACLE SHIELD – BRIGHT NICKEL OVER COPPER PLATED DIE CASTING.
TERMINALS – HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER .000030 MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, .000030 MIN TOTAL ON MATING SURFACE. .000120 MIN TIN PLATE ON TAILS. ALL OVER .000050 MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
GROUND BRACKET – TIN PLATED CARBON STEEL.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH CENTRAL LUBRICANT.
3. CENTER TO CENTER SPACING OF TERMINALS IS 0.85 NOMINAL.
4. ALL DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
5. DETAILS "A" & "D" ARE VIEWED FROM MATING SIDE OF THE RECEPTACLE ASSEMBLY.
6. SHIELD IS ASSEMBLED TO RECEPTACLE ASSEMBLY BEFORE SHIPMENT.
7. TERMINAL 1 IS LOCATED IN THIS ROW FOR REVERSE ORIENTAION, SEE DETAIL A.
8. PANEL THICKNESS RANGE 1 .062 MAXIMUM.
9. GROUNDING BRACKET RETAINS CONNECTOR IN .062 THICK PC BOARD WITHOUT ADDITIONAL HARDWARE.
10. IF TERMINALS DO NOT EXTEND BELOW COMB, THEN COMB SHALL BE PARTIALLY RETRACTED, BEFORE INSERTING CONNECTOR INTO THE PC BOARD.
11. GROUNDING BRACKET LOCATES CONNECTOR FLUSH WITH TOP OF PC BOARD AND SPRING LOCKS BENEATH.
12. CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.
13. SURFACE AREA OF GROUNDING BRACKET BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH AMP SPECIFICATION 109-11-2, DISCOLORATION, SCRATHES, SPOTS AND OTHER COSMETIC DEFICIENCIES TYPICAL OF BARREL PLATING PROCESS ARE ACCEPTABLE PROVIDING PARTS PASS 24 HOUR EXPOSURE AT 95% RH AT 40°C, WITHOUT EVIDENCE OF CORROSION.
14. TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTAION, SEE DETAIL D.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL

1

DWN B MCMMASTER 28JUN05
CHK W MILLHIMES 28JUN05
APVD W MILLHIMES 28JUN05
PRODUCT SPEC
APPLICATION SPEC
SIZE
WEIGHT

NAME

RECEPTACLE ASSEMBLY, 24 POSITION, RIGHT ANGLE, SHIELDED, FLUSH PANEL MOUNTING WITH BOARD LOCK, CHAMP

SIZE CAGE CODE DRAWING NO
A1 00779 C=5554923

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

RECEIPT
DATE
BY

SCALE 4:1
SHEET 1 OF 1
REV C

Mouser Electronics

Authorized Distributor

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