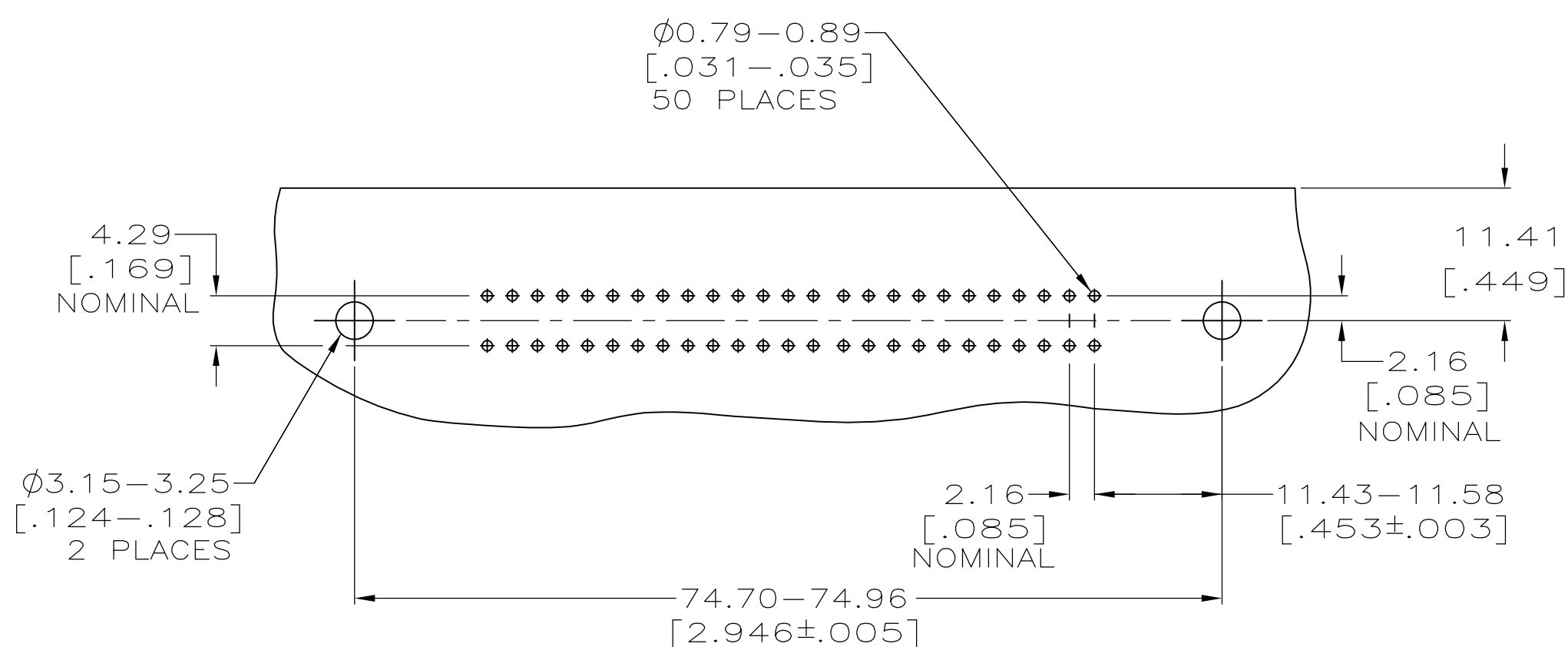
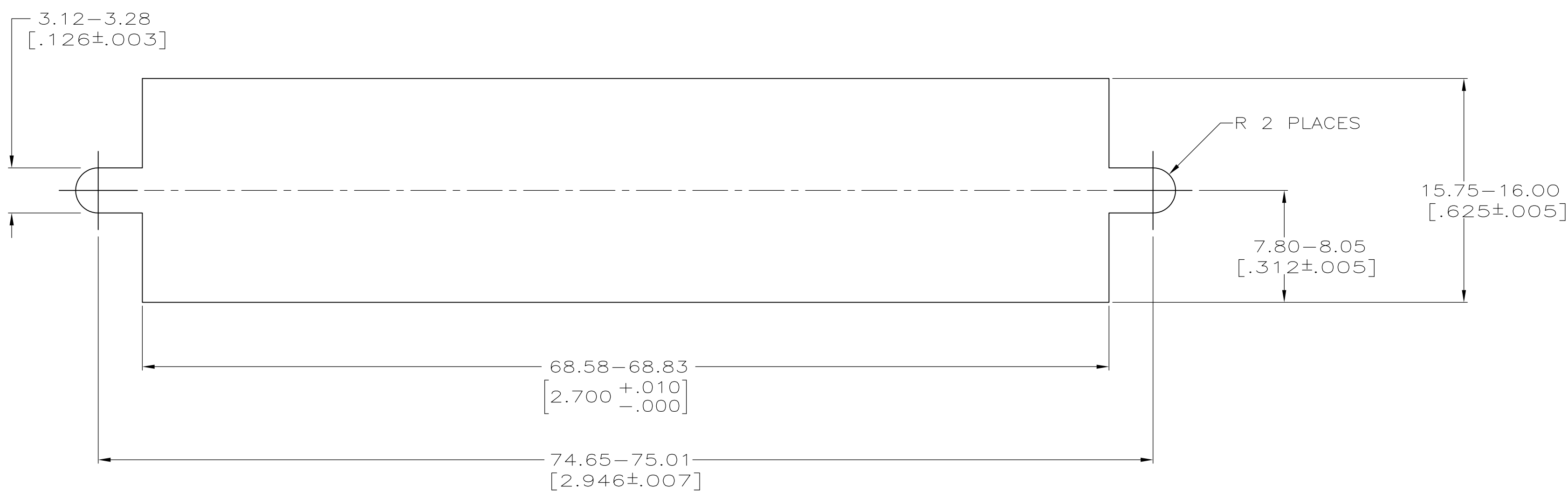
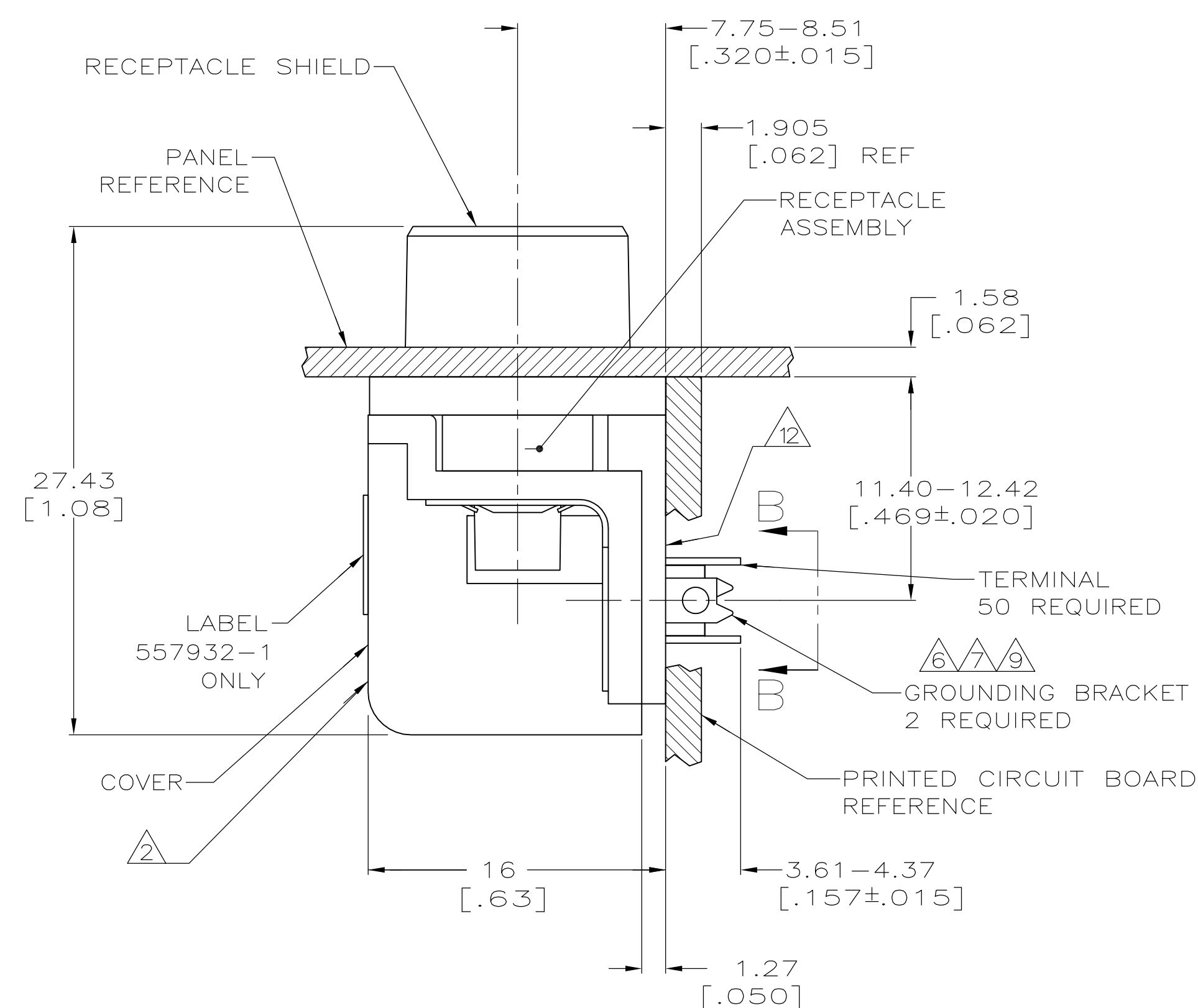
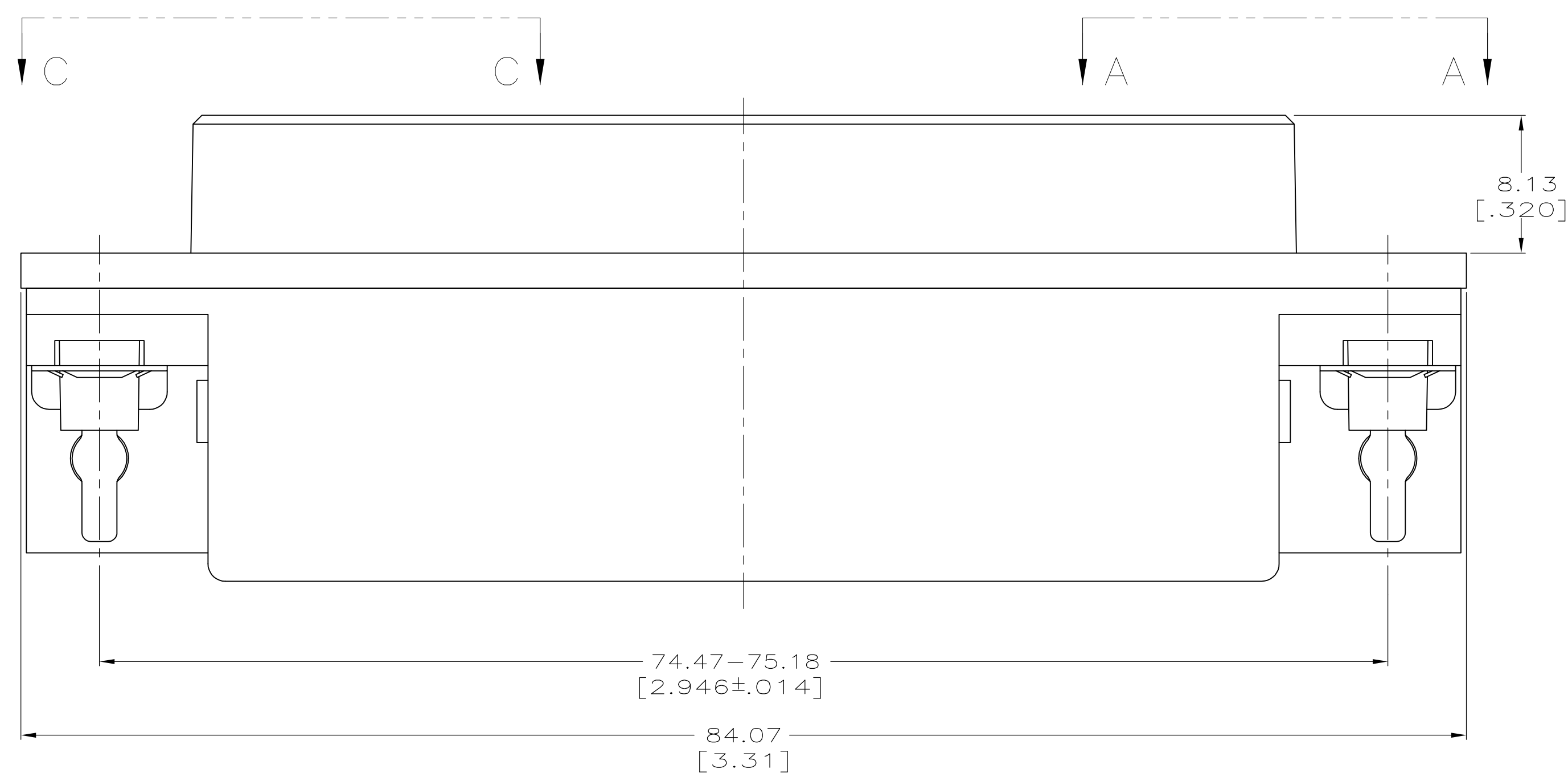
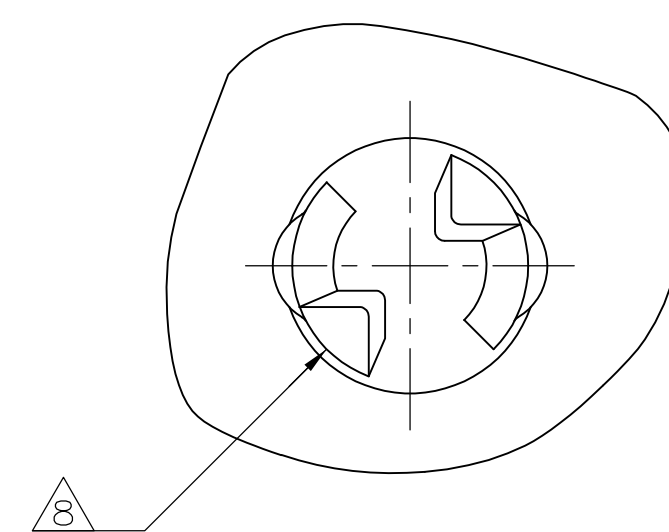




VIEW C—C
ROTATED 180°
5557932-2



SUGGESTED REAR PANEL MOUNTING
CUTOUT DIMENSIONS



VIEW B-B
SCALE 10:1

1 MATERIAL:
SUPPORT PLATE - POLYESTER, NATURAL (OR
EQUIVALENT);
HOUSING & ADAPTER COMB - POLYESTER, BLACK.
RECEPTACLE 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
[.00120] MIN TIN PLATE ON TAILS, ALL OVER 1.27μm
[.000050] MIN NICKEL UNDERPLATE OVER ENTIRE
TERMINAL.
GROUND BRACKET - TIN PLATED CARBON STEEL.

△ 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 IN THIS ROW FOR REVERSE ORIENTATION. SEE VIEW A-A.

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

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

 CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.

9 SURFACE AREA OF GROUNDING BRACKET BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH TE 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.

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

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

12 SUPPORT PLATE (UNPLATED).

13 TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTAION. SEE VIEW C-C.

13	STANDARD ORIENTATION, VIEW C-C			5557932-2	
	5	REVERSE ORIENTATION, VIEW A-A			5557932-1
DESCRIPTION			PART NUMBER		
IDENT.	DWN B. MCMASTER	01SEP05	Tyco Electronics Corporation		
LESS CIFIED:	CHK W. MILLHIMES	01SEP05	Harrisburg, PA 17105-3608		
	APPR W. MILLHIMES	01SEP05	NAME	RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, 50 POSITION, BOARD LOCK, PLATED COVER, AND SCREW LOCK, CHAMP	
	PRODUCT SPEC		—		
	APPLICATION SPEC		—		
—	WEIGHT	—	SIZE	CAGE CODE	DRAWING NO
—	—		A1	00779	5557932
CUSTOMER DRAWING			SCALE	4:1	SHEET 1 OF 1
			REV B		