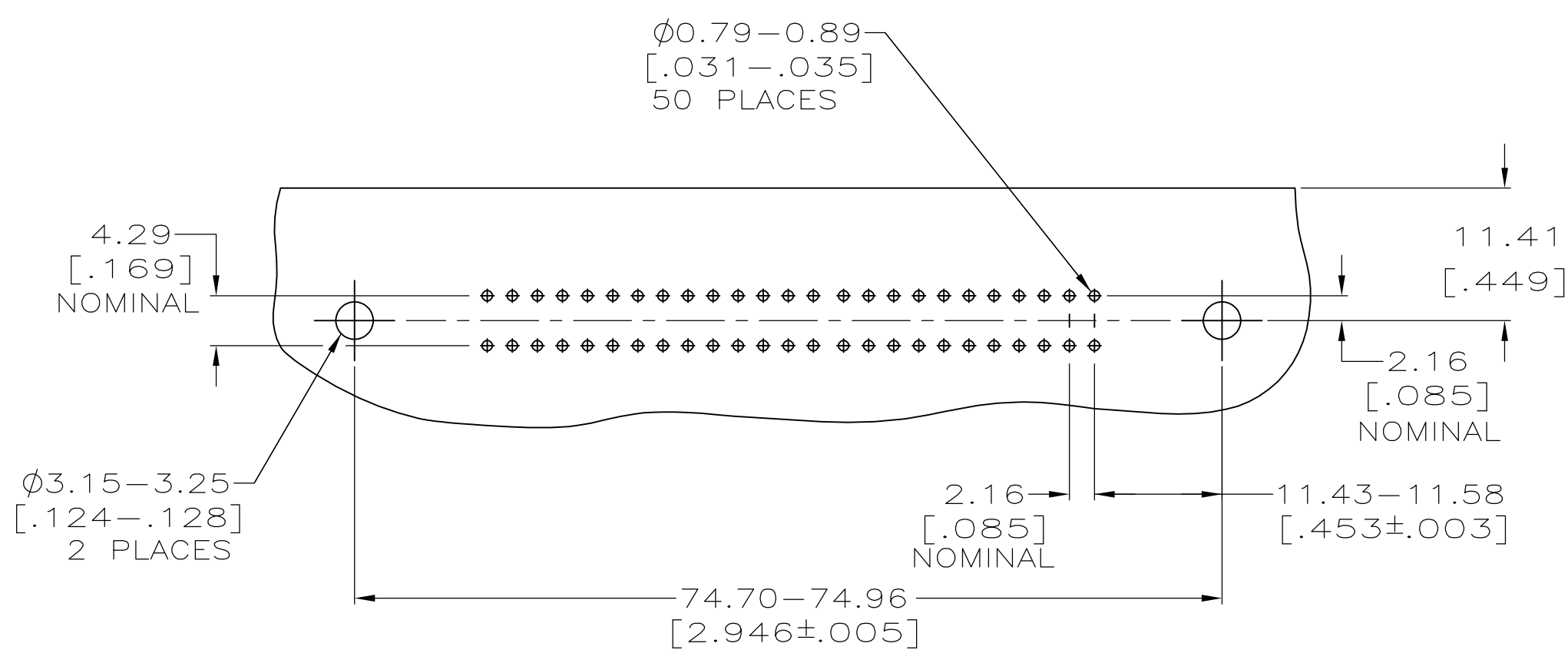
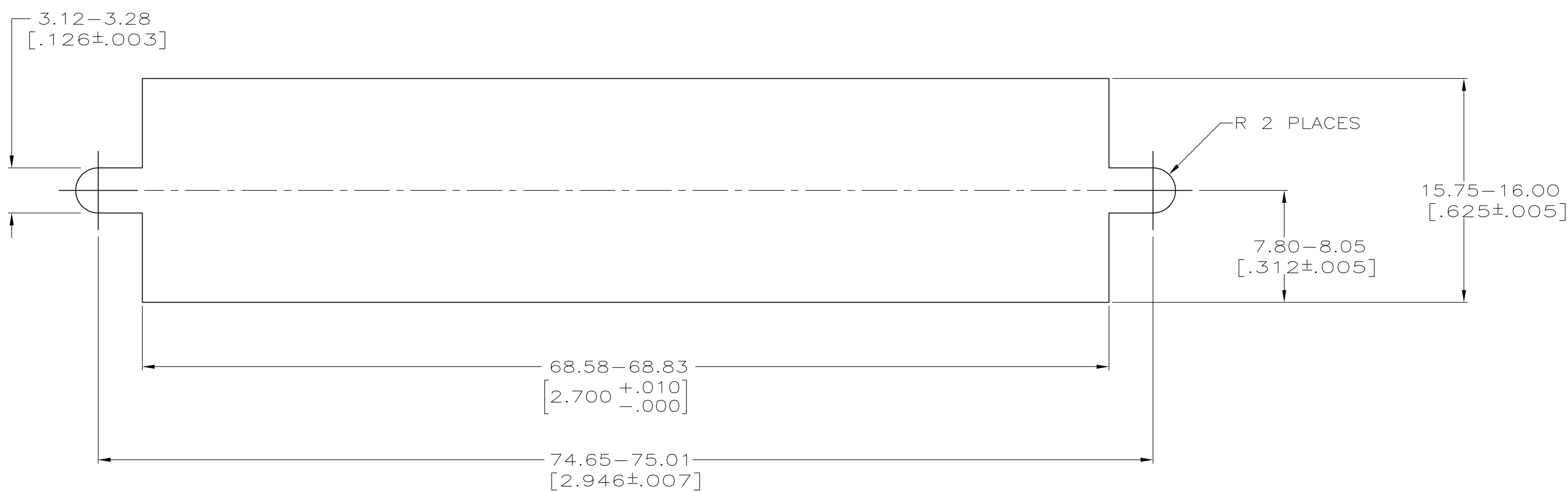
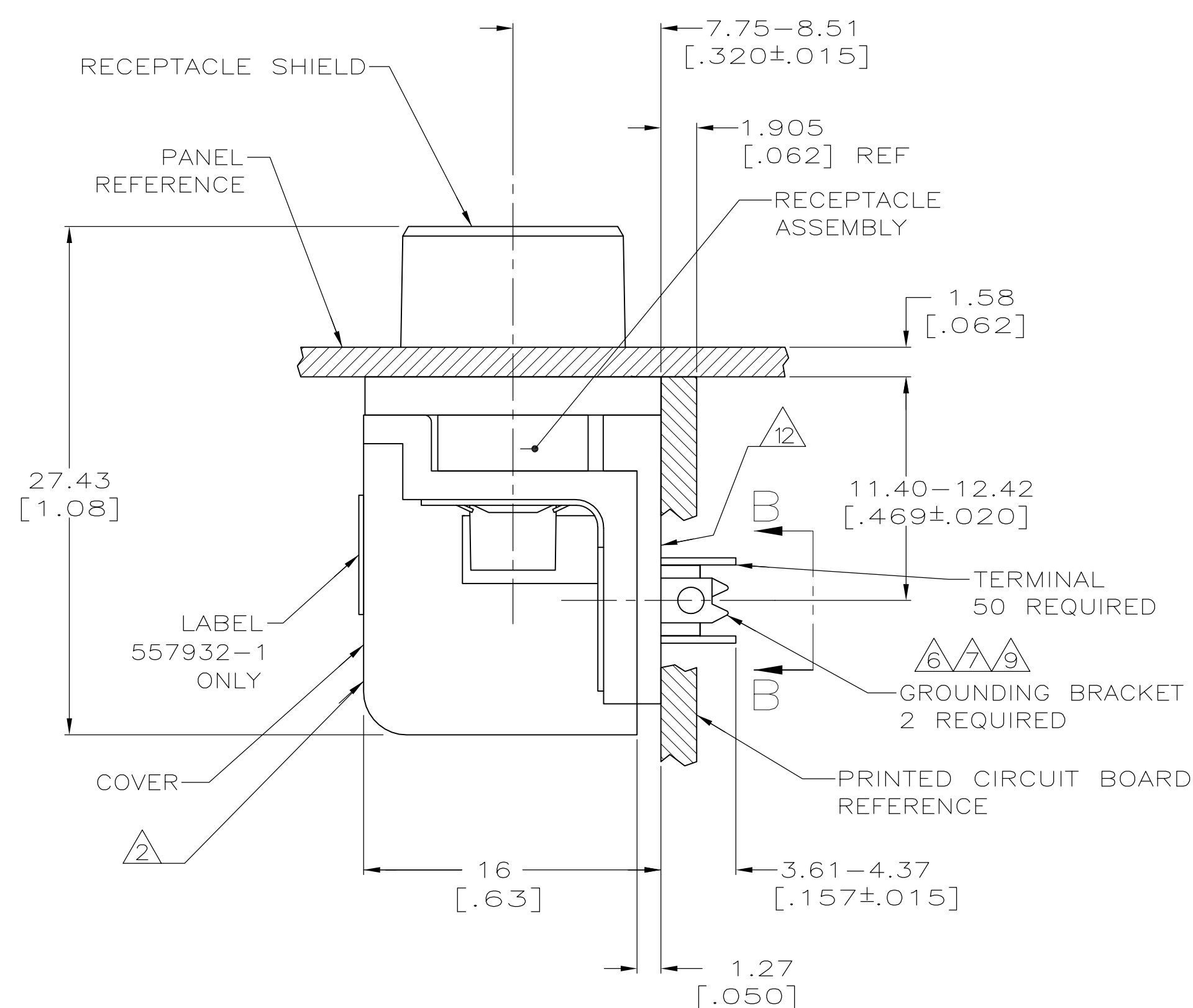
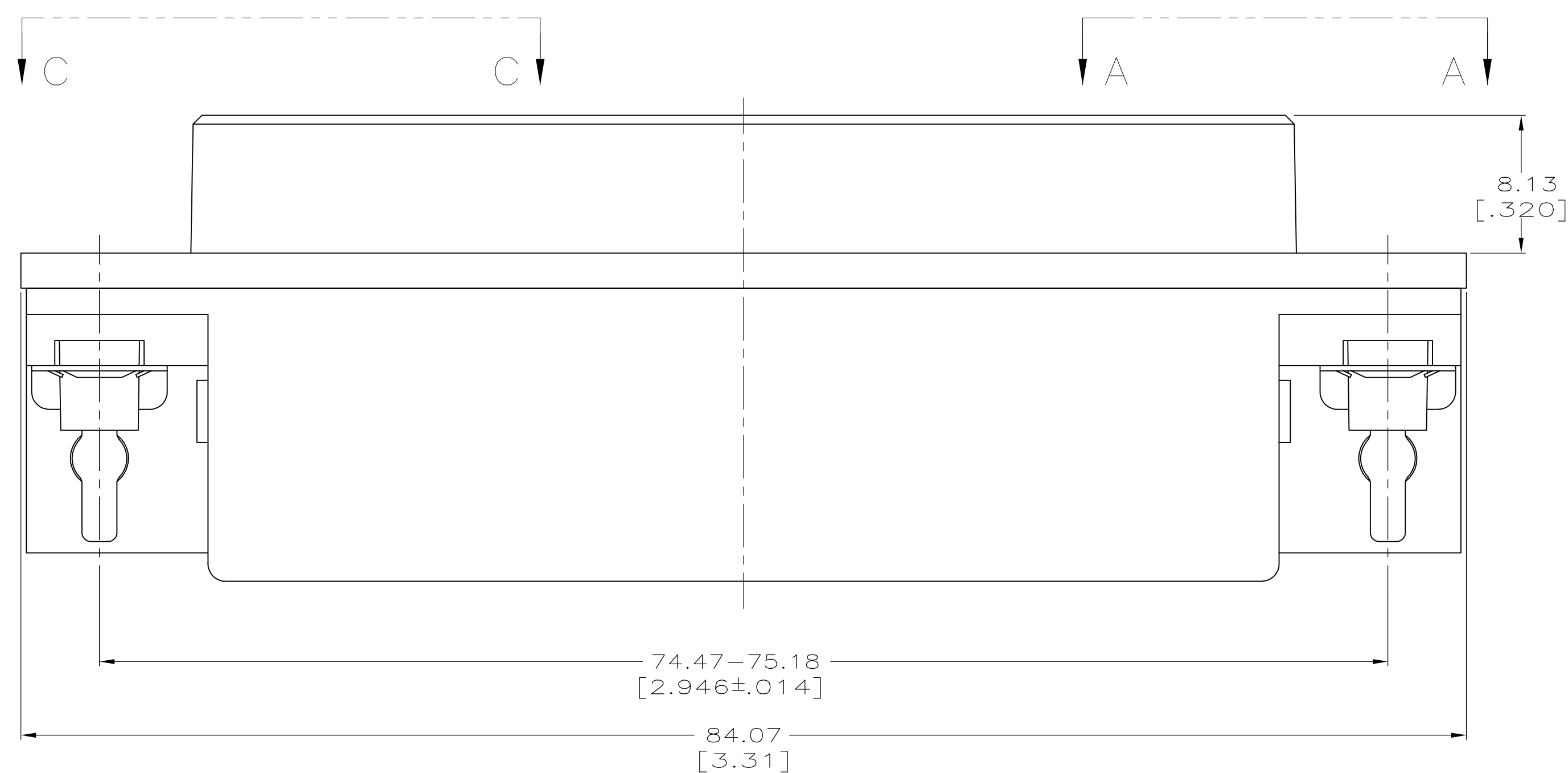
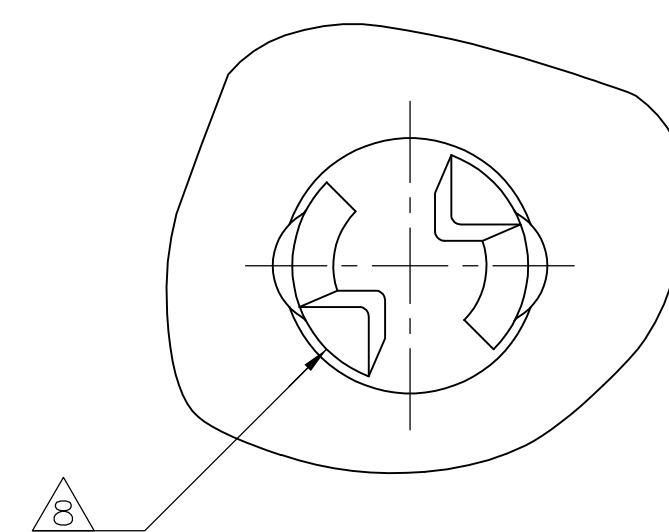




VIEW C—C
ROTATED 180°
5557932-2



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 $0.76\mu\text{m}$ [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, $0.76\mu\text{m}$ [.000030] MIN TOTAL ON MATING SURFACE. $3.05\mu\text{m}$ [.000120] MIN TIN PLATE ON TAILS. ALL OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
GROUND BRACKET - TIN PLATED CARBON STEEL.
- ② COVER - POLYESTER, NATURAL, (OR EQUIVALENT), PLATED MATTE COPPER $3.81\mu\text{m}$ [.000150] MINIMUM THICK, BENEATH MATTE NICKEL PLATE, $3.81\mu\text{m}$ [.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.
- 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 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.
- ⑩ 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.
- ⑪ SUPPORT PLATE (UNPLATED).
- ⑬ TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION. 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		

THIS DRAWING IS A CONTROLLED DOCUMENT	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -
MATERIAL:	FINISH:
	