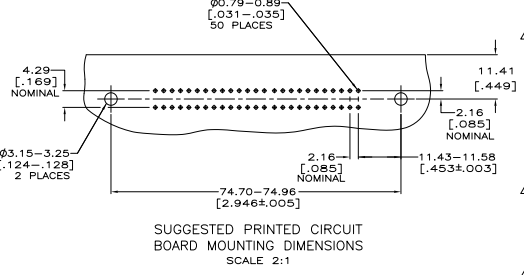
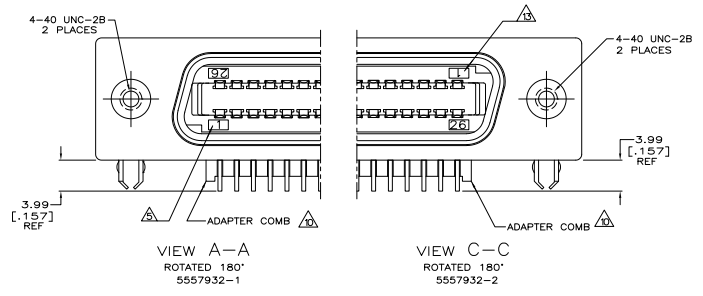
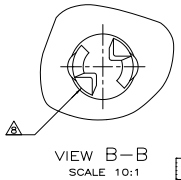
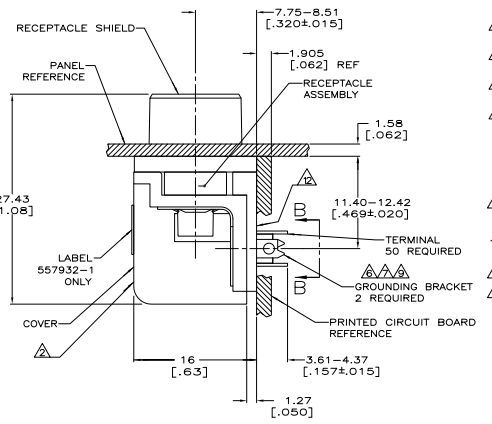
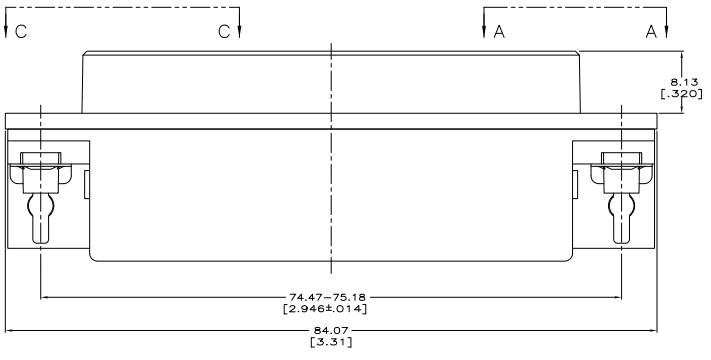


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REV	DATE	DESCRIPTION	BY	CHK	APP
GP 00					
B		REVISED FOR ECO-08-02737			



- ▲ 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 [.00030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.00030] MIN TOTAL ON MATING SURFACE. 3.05µm [.000120] 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.
- ▲ ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- ▲ TERMINAL 1 LOCATED IN THIS ROW FOR REVERSE ORIENTATION. SEE VIEW A-A.
- ▲ 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.
- ▲ SURFACE AREA OF GROUNDING BRACKET BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH THE SPECIFICATION 109-11-2. DISCOLORATION, SCRATCHES, SPOTS AND OTHER COSMETIC DEFICIENCIES TYPICAL OF BARREL PLATING PROCESSES ARE ACCEPTABLE PROVIDED PARTS PASS 24 HOUR EXPOSURE AT 85% 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.
- ▲ SUPPORT PLATE (UNPLATED).
- ▲ TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION. SEE VIEW C-C.



STANDARD ORIENTATION, VIEW C-C	5557932-2
REVERSE ORIENTATION, VIEW A-A	5557932-1

DESCRIPTION	PART NUMBER
RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, 50 POSITION, BOARD LOCK, PLATED COVER, AND SCREEN LOCK, CHAMP	
SIZE	A1
DATE	00779
REV	0
CUSTOMER DRAWING	5557932
SIZE	A1
SHEET	1
TOTAL SHEETS	1

THIS DRAWING IS A CONTROLLED DOCUMENT.  
 DIMENSIONS: INCHES (mm INCHES)  
 DIMENSIONAL TOLERANCES: .005 INCHES (0.127 mm)  
 UNLESS OTHERWISE SPECIFIED  
 FINISH: .0005 INCHES (0.0127 mm)  
 UNLESS OTHERWISE SPECIFIED  
 MATERIAL: .0005 INCHES (0.0127 mm)  
 UNLESS OTHERWISE SPECIFIED  
 SURFACE FINISH: .0005 INCHES (0.0127 mm)  
 UNLESS OTHERWISE SPECIFIED  
 TYPICAL DIMENSIONS: .0005 INCHES (0.0127 mm)  
 UNLESS OTHERWISE SPECIFIED