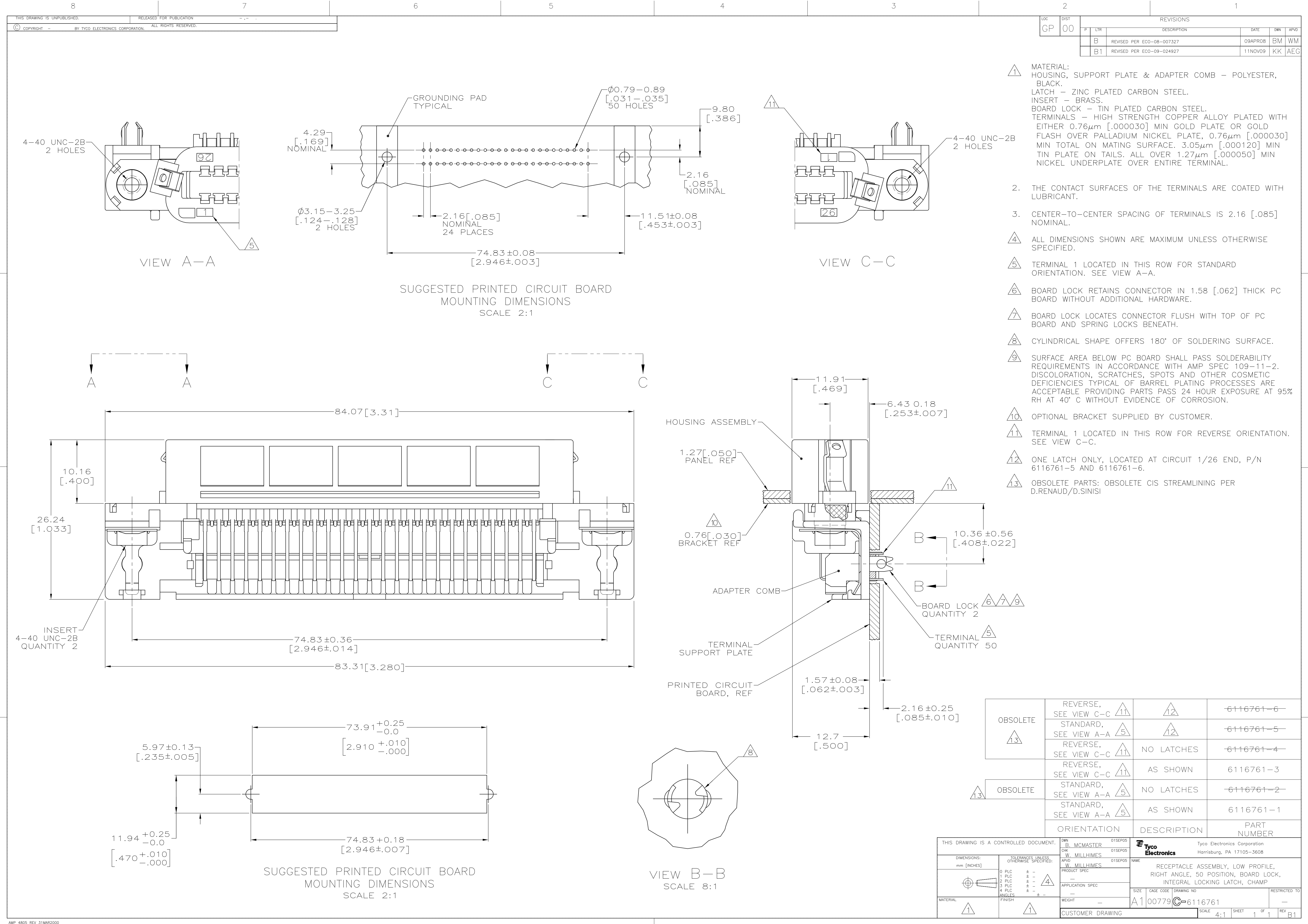




- 1 MATERIAL:
HOUSING, SUPPORT PLATE & ADAPTER COMB - POLYESTER, BLACK.
LATCH - ZINC PLATED CARBON STEEL.
INSERT - BRASS.
BOARD LOCK - TIN PLATED CARBON STEEL.
TERMINALS - HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL ON MATING SURFACE. 3.05µm [.000120] MIN TIN PLATE ON TAILS. ALL OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
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 STANDARD ORIENTATION. SEE VIEW A-A.
- 6 BOARD LOCK RETAINS CONNECTOR IN 1.58 [.062] THICK PC BOARD WITHOUT ADDITIONAL HARDWARE.
- 7 BOARD LOCK LOCATES CONNECTOR FLUSH WITH TOP OF PC BOARD AND SPRING LOCKS BENEATH.
- 8 CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.
- 9 SURFACE AREA BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH AMP 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 OPTIONAL BRACKET SUPPLIED BY CUSTOMER.
- 11 TERMINAL 1 LOCATED IN THIS ROW FOR REVERSE ORIENTATION. SEE VIEW C-C.
- 12 ONE LATCH ONLY, LOCATED AT CIRCUIT 1/26 END, P/N 6116761-5 AND 6116761-6.
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

OBSOLETE 13	REVERSE, SEE VIEW C-C	11	12	6116761-6
	STANDARD, SEE VIEW A-A	5	12	6116761-5
	REVERSE, SEE VIEW C-C	11	NO LATCHES	6116761-4
	REVERSE, SEE VIEW C-C	11	AS SHOWN	6116761-3
OBSOLETE 13	STANDARD, SEE VIEW A-A	5	NO LATCHES	6116761-2
	STANDARD, SEE VIEW A-A	5	AS SHOWN	6116761-1
ORIENTATION		DESCRIPTION		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MCMASTER CHK W. MILLHIMES APVD W. MILLHIMES	01SEP05 01SEP05 01SEP05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		NAME RECEPTACLE ASSEMBLY, LOW PROFILE, RIGHT ANGLE, 50 POSITION, BOARD LOCK, INTEGRAL LOCKING LATCH, CHAMP	
	0 PLC ± -	4	APPLICATION SPEC	SIZE	CAGE CODE
	1 PLC ± -			WEIGHT	DRAWING NO
MATERIAL	FINISH	1	1	A1	00779
CUSTOMER DRAWING				SCALE	4:1
				SHEET	1 OF 1
				REV	B1