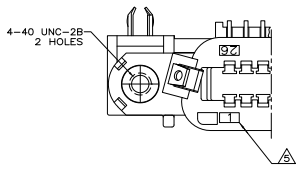
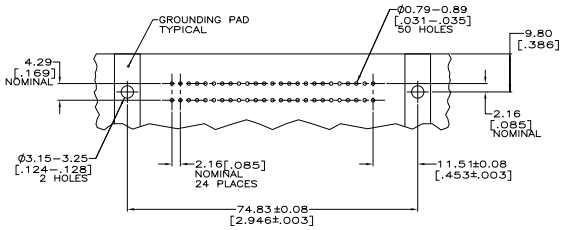
LOC	DIST
GP	00

REVISIONS

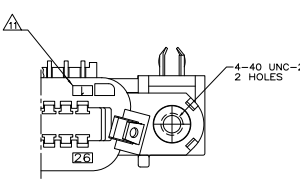
P	LTR	DESCRIPTION	DATE	DBN	APVD
-	B	REVISED PER ECO-08-007327	09APR08	BM	WM
-	B1	REVISED PER ECO-09-024927	11NOV09	KK	AEG



VIEW A–A

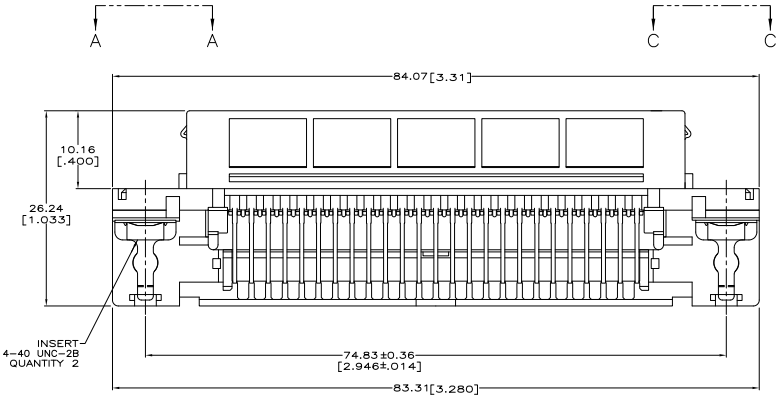


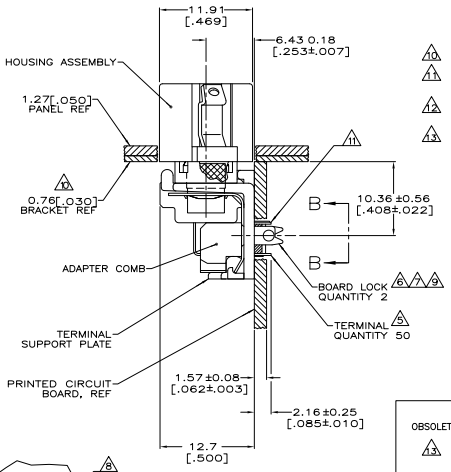
SUGGESTED PRINTED CIRCUIT BOARD
MOUNTING DIMENSIONS
SCALE 2:1

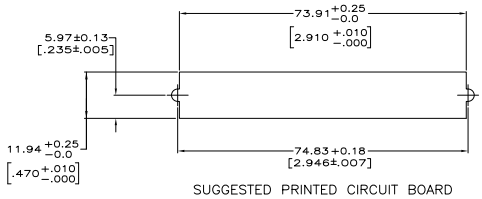


VIEW C–C

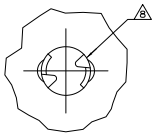
1. MATERIAL:
HOUSING, SUPPORT PLATE & ADAPTER COMB – POLYESTER, BLACK.
LATCH – ZINC PLATED CARBON STEEL.
INSERT – BRASS.
BOARD LOCK – TIN PLATED CARBON STEEL.
TERMINALS – HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] 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







SUGGESTED PRINTED CIRCUIT BOARD
MOUNTING DIMENSIONS
SCALE 2:1



VIEW B–B
SCALE 8:1

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.
DRAWN B. MCMASTER 07SEP05
CHK W. MILLHIMES 07SEP05
APVD W. MILLHIMES 07SEP05
DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±–, 1 PLC ±–, 2 PLC ±–, 3 PLC ±–, 4 PLC ±–, ANGLES ±–
MATERIAL 1
FINISH 1
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME RECEPTACLE ASSEMBLY, LOW PROFILE, RIGHT ANGLE, 50 POSITION, BOARD LOCK, INTEGRAL LOCKING LATCH, CHAMP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6116761	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV B1