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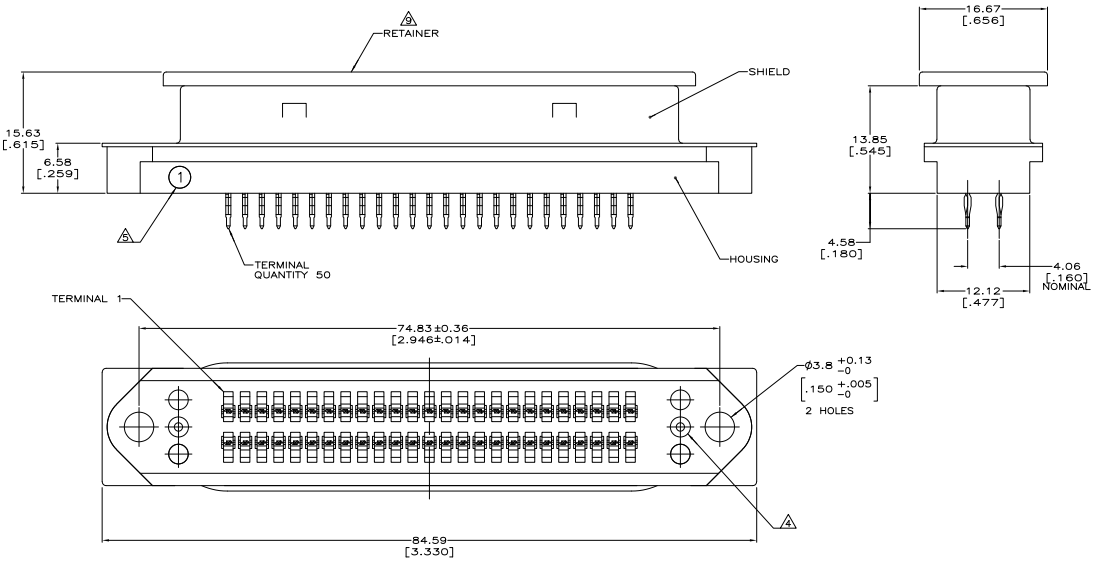
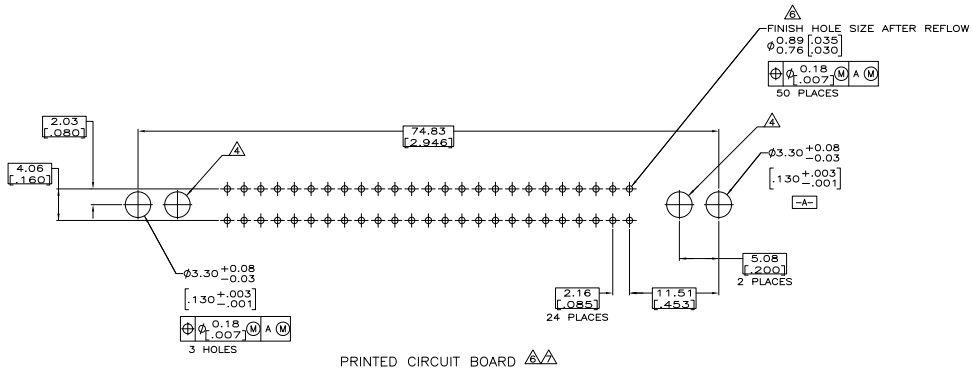
LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	REVISED PER ECO-08-009467	3JUN2008	ZMR	WLM





PRINTED CIRCUIT BOARD 6 7
MOUNTING DIMENSIONS

1. DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
2. MATERIAL: HOUSING – POLYESTER, BLACK. TERMINAL – COPPER ALLOY PLATED WITH 0.76µm [.000030] MINIMUM GOLD ON MATING SURFACE AND 0.13µm[.000005] MINIMUM GOLD FLASH ON ACTION PIN AREA OVER 1.27µm [.000050] MINIMUM NICKEL UNDERPLATE OVER ENTIRE TERMINAL. RETAINER – POLYETHYLENE, NATURAL. SHIELD – CARBON STEEL, PLATED BRIGHT NICKEL 5.08µm [.000200] MINIMUM.
3. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
4. OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.
5. "1" ON HOUSING INDICATES LOCATION OF TERMINAL 1.
6. ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC 114-6027.
7. 50 LBS. MINIMUM FORCE REQUIRED TO UNSEAT CONNECTOR FROM PRINTED CIRCUIT BOARD WITHOUT USE OF HARDWARE.
8. CENTER-TO-CENTER SPACING OF TERMINALS IS 2.16[.085] NOMINAL.
9. RETAINER MUST REMAIN INSTALLED UNTIL AFTER CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.

1116551-1
PART NUMBER

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 2
FINISH 2

DWN D.L. DRUMMOND 08-MAR-09
CHK D.L. DRUMMOND 08-MAR-09
APVD A.M. FLETCHER 08-MAR-09
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: RECEPTACLE ASSEMBLY, 50 POSITION, SHIELDED, ACTION PIN, SCREW-LOCK, CHAMP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C=1116551	–

SCALE 4:1 SHEET 1 OF 1 REV C

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