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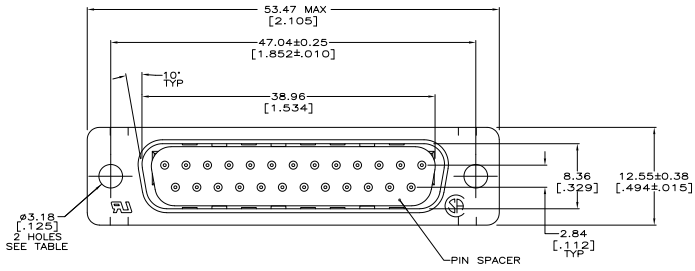
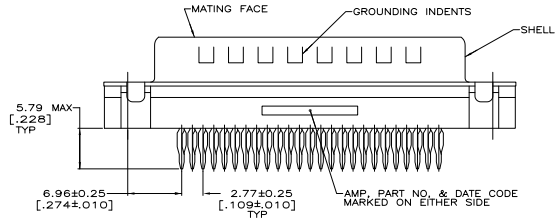
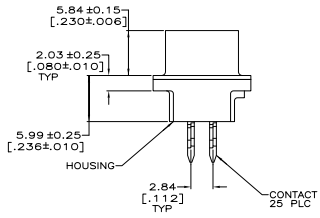
LOC	DIST
GP	00

REVISIONS

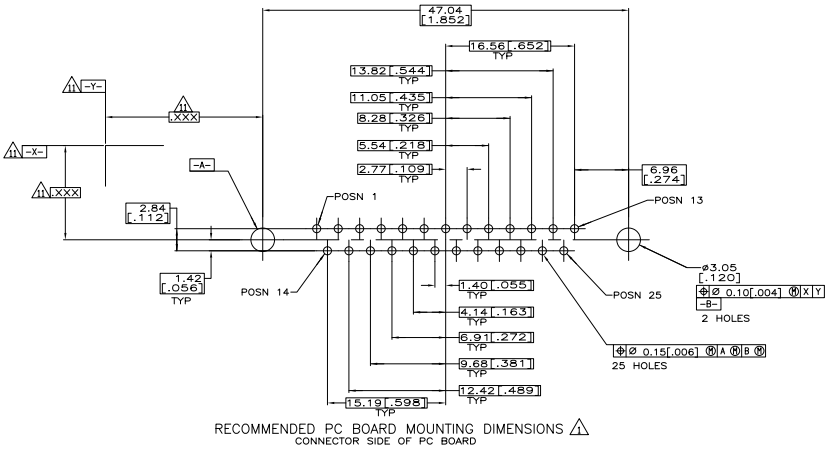
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECO-10-019804	28OCT10	HMR	JL



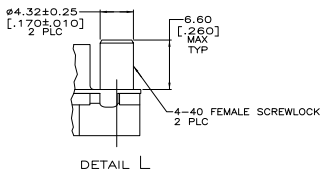




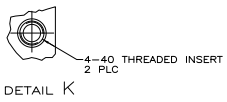
1. RECOMMENDATIONS FOR 2.36 [.093] TO 3.18 [.125] THICK PC BOARD:
   A. HOLE DIAMETER AFTER DRILLING = 1.15±0.03[.045±.001].
   B. HOLE DIAMETER AFTER TIN PLATING = 0.94[.037]–1.09[.043].
   C. HOLE DIAMETER AFTER REFLOW = 0.91[.036]–1.09[.043].
   D. PC BOARD PLATING TO BE 7.62µm [.000300] MIN TIN–LEAD OVER 0.05±0.03[.002±.001] COPPER.
2. MOLDED PARTS: NYLON OR POLYESTER, UL 94V–0 RATED, BLACK.
3. CONTACTS: COPPER ALLOY.
4. SHELL: CARBON STEEL.
5. INSERTS: BRASS.
6. SCREWLOCKS: ZINC.
7. CONTACTS:
   0.76 MICRO METERS [.000030] MINIMUM GOLD IN MATING AREA.
   2.54 MICRO METERS [.000100] MINIMUM TIN ON COMPLIANT PIN.
   ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
   OR
   GOLD FLASH OVER PALLADIUM NICKEL.
   0.76 MICRO METERS [.000030] MINIMUM TOTAL IN MATING AREA.
   2.54 MICRO METERS [.000100] MINIMUM TIN ON COMPLIANT PIN.
   ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
8. SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER
9. INSERTS: UNPLATED.
10. SCREWLOCKS: CLEAR CHROMATE
11. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
12. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



RECOMMENDED PC BOARD MOUNTING DIMENSIONS 1
CONNECTOR SIDE OF PC BOARD



DETAIL L



DETAIL K

SEE DETAIL L	5748146-6
SEE DETAIL K	5748146-4
12 OBSOLETE AS SHOWN	~~5748146-2~~
MOUNTING TYPE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DRN A. FERNANDEZ-DOCKS 03-31-05
CHD S.BOLASH 03-31-05
APVD M. WALMSLEY 03-31-05

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
6 PLC ± –
3 PLC ± .X .1
2 PLC ± .XX .03
1 PLC ± .XXX .010 [.005]
ANGLES ± –
FINISH –
MATERIAL 2 3 4 5 6
FINISH 7 8 9 10

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME PLUG ASSEMBLY, SIZE 3, 25 POSITION, ACTION PIN, W/FRONT METAL SHELL, .093/.125 PCB, AMPLIMITE
PRODUCT SPEC 108-40014
APPLICATION SPEC 114-40026
WEIGHT –
SIZE A1 CAGE CODE 00779 DRAWING NO C-5748146
RESTRICTED TO –
CUSTOMER DRAWING
SCALE 4:1 SHEET 1 OF 1 REV B

AMP 4805 REV 31MAR2000

28OCT2005 3:32pm usOI8845 P:\Gerace\0037\5748146_1_c.dwg

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