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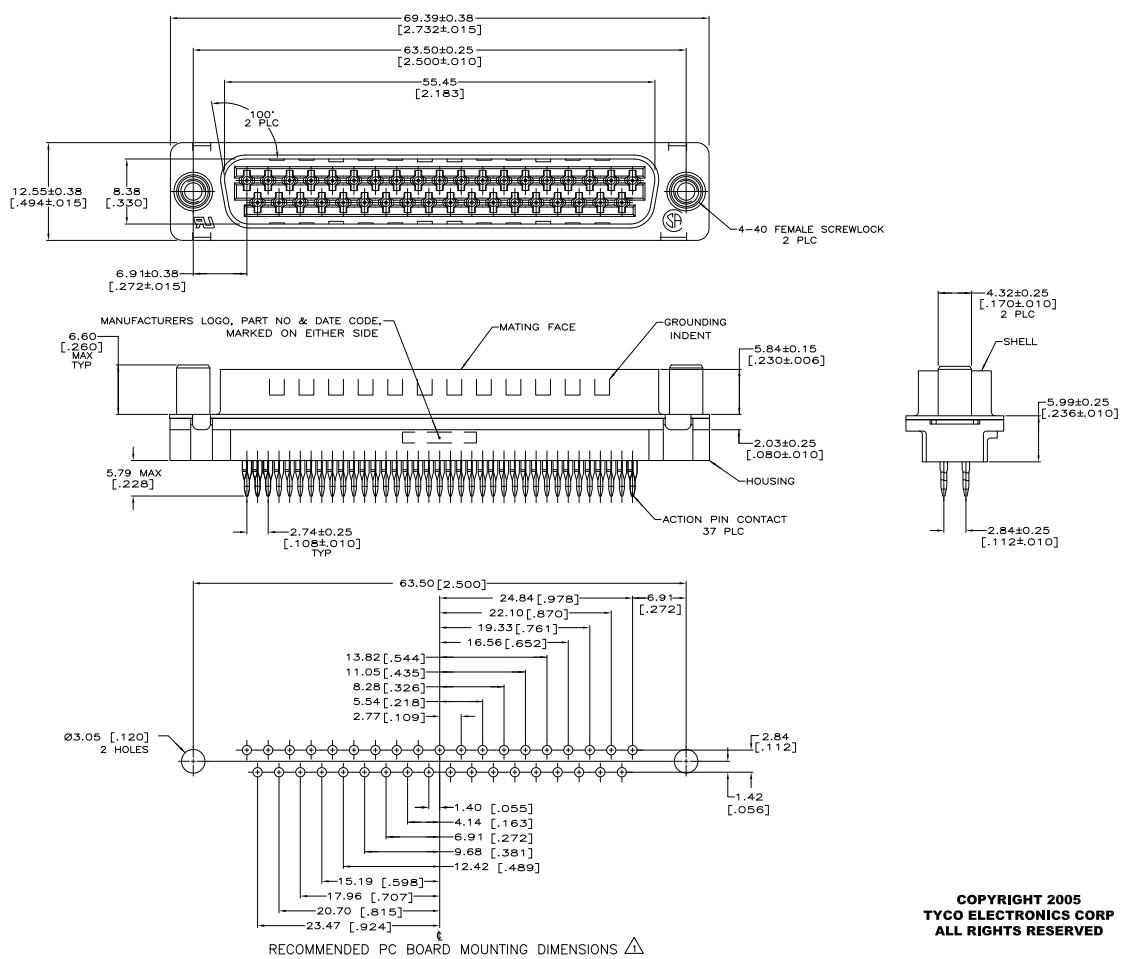
LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DRN	APVD
			B	REVISED PER ECO-10-019804	28OCT10	HMR	JL

1. RECOMMENDATIONS FOR 2.36 [.093] TO 3.18 [.125] THICK PC BOARD:
   A. HOLE DIAMETER AFTER DRILLING = 1.151±0.025 [.0453±.0010].
   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 0.76µm [.000300] MIN TIN OVER 0.05±0.03 [.002±.001] COPPER.
2. HOUSING: FLAME RETARDANT, UL 94V–0 RATED, GLASS FILLED, NYLON OR POLYESTER, BLACK.
3. CONTACTS: COPPER ALLOY
4. SHELL: CARBON STEEL
5. SCREWLOCKS: ZINC ALLOY
6. SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
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. SCREWLOCKS: CLEAR CHROMATE



RECOMMENDED PC BOARD MOUNTING DIMENSIONS 1

5750060–1
PART NO

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DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± 0.13 [.005] ; 3 PLC ± – ; 4 PLC ± – ; ANGLES ± 2°
MATERIAL 2 3 4 5
FINISH 6 7 8

DWN J. ALCORTA – DOCKS 04-08-05
CHK S. BOLASH 04-08-05
APVD M. WALMSLEY 04-08-05
PRODUCT SPEC 108–40014
APPLICATION SPEC 114–40026
WEIGHT –
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME: PLUG ASSEMBLY, SIZE 4, 37 POSITION, MEDIUM PROFILE, ACTION PIN, FRONT METAL SHELL, AMPLITE HD–20

SIZE A1 | CAGE CODE 00779 | DRAWING NO C–5750060 | RESTRICTED TO –
SCALE 4:1 | SHEET 1 OF 1 | REV B

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