



RECOMMENDED PC BOARD LAYOUT \triangle
 CONNECTOR SIDE OF BOARD

- \triangle 1 RECOMMENDATIONS FOR 2.36 [.093] MIN 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.
- \triangle 2 HOUSING: NYLON, UL 94V-0 RATED, BLACK.
- \triangle 3 CONTACTS: COPPER ALLOY
- \triangle 4 SHELL: CARBON STEEL
- \triangle 5 SCREWLOCKS: ZINC
- \triangle 6 SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
- \triangle 7 CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81[.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 5.79[.228] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
- \triangle 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- \triangle 9 SCREWLOCKS: ZINC.

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 PART NO

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L VARELA - DOCKS 03-21-05		Tyco Electronics Corporation Harrisburg, PA 17105-2568	
DIMENSIONS: INCHES		CHK S BOLASH 03-31-05		APVD M WALMSLEY 03-31-05	NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0' PLC ± - 1' PLC ± - 2' PLC ± ± 0.13 [.005] 3' PLC ± - 4' PLC ± - ANGLES ± ± °		PRODUCT SPEC 108-40014	SIZE 114-40026
MATERIAL		FINISH		APPLICATION SPEC 114-40026	RESTRICTED TO
CUSTOMER DRAWING		SCALE 4:1		WEIGHT A1 00779 ©=5787176	SHEET 1 OF 1 REV A