



- 1 RECOMMENDATIONS FOR 2.36 [.093] MIN THICK PC BOARD:
 - A. HOLE DIAMETER AFTER DRILLING = 1.14±0.03 [.045±.001].
 - B. HOLE DIAMETER AFTER TIN-LEAD PLATING = 0.94-1.09 [.037-.043].
 - C. HOLE DIAMETER AFTER REFLOW = 0.91-1.09 [.036-.043].
 - D. PC BOARD PLATING TO BE 7.62µm [.000300] MIN TIN-LEAD OVER 0.05±0.03 [.002±.001] COPPER.
- 2 HOUSING: NYLON OR POLYESTER, UL 94V-0 RATED, GLASS FILLED, BLACK.
- 3 CONTACTS: COPPER ALLOY PER ASTM B 122.
- 4 SHELL: CARBON STEEL PER ASTM A 109.
- 5 INSERTS: BRASS.
- 6 GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727, COPPER PLATING PER MIL-C-14550.
- 7 SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
- 8 CONTACTS: 0.76µm [.000030] MIN GOLD FOR A LENGTH OF 1.02 [.040] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 5.79 [.228] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
- 9 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
- 10 CONTACTS: GOLD FLASH FOR A LENGTH OF 1.02 [.040] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 5.79 [.228] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.

RECOMMENDED PC BOARD MOUNTING DIMENSIONS 1

OBsolete	8	747090-2
	10	747090-1
FINISH		PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN C. OBERMAN 5-18-94	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK R. STONE 6-1-92	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD PERCHERKE/PARKER 6-2-92	NAME RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION, ACTION PIN VERTICAL, FRONT METAL SHELL
0 PLC ± -		PRODUCT SPEC 108-40014	
1 PLC ± 0.13 [.005]		APPLICATION SPEC	SIZE A1
2 PLC ± -		WEIGHT -	CAGE CODE 00779
3 PLC ± -		DRAWING NO. 747090	RESTRICTED TO
4 PLC ± -		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV M
ANGLES ± -			