



RECOMMENDED PC BOARD LAYOUT  
 1.57 [.062] PC BOARD THICKNESS

- △ HOUSING & FACE COVER: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK; SHELL: CARBON STEEL; SOCKET CONTACTS: PHOSPHOR BRONZE; EYELETS: BRASS; SCREWLOCKS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL. EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER. SCREWLOCKS: CLEAR CHROMATE. BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.
- △ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL. EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER. SCREWLOCKS: CLEAR CHROMATE. BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ POSITION TOLERANCE APPLIES AT CONTACT TIP.
- △ BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.
- 7. COMPATIBLE WITH SOLDER REFLOW APPLICATIONS TO A MAXIMUM OF 225° C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.
- △ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL. EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER. SCREWLOCKS: STAINLESS STEEL WITH PASSIVATION. BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.

△	5788797-3
△	5788797-2
△	5788797-1
FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN J. ALCORTA - 04-11-05		Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		DOCKS S. BOLASH 04-11-05		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 04-11-05		NAME	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC		RCPT ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20	
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
4 PLC ± -	ANGLES ± °	114-40010		A1 00779 C=5788797 -	
MATERIAL	FINISH	WEIGHT		CUSTOMER DRAWING	
SEE TABLE	SEE TABLE	SCALE 4:1		SHEET 1 OF 1 REV A	