



- △ 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 [0.050] MIN FROM MATING END, 0.76µm [0.00030] MIN GOLD IN MATED AREA, 2.54µm [0.000100] MIN TIN FOR A LENGTH OF 3.56 [0.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [0.000050] MIN NICKEL. EYELETS: 2.54µm [0.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54µm [0.000100] MIN TIN OVER 1.27µm [0.000050] MIN COPPER. SCREWLOCKS: CLEAR CHROMATE. BOARDLOCKS: 3.81µm [0.000150] MIN TIN OVER 1.27µm [0.000050] MIN NICKEL.
- △ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [0.050] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm [0.000100] MIN TIN FOR A LENGTH OF 3.56 [0.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [0.000050] MIN NICKEL. EYELETS: 2.54µm [0.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54µm [0.000100] MIN TIN OVER 1.27µm [0.000050] MIN COPPER. SCREWLOCKS: CLEAR CHROMATE. BOARDLOCKS: 3.81µm [0.000150] MIN TIN OVER 1.27µm [0.000050] 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 SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.

△	5788801-2
△	5788801-1
FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN J. ALCORTA - 04-13-05		Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 04-13-05		Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 04-13-05		RCPT ASSEMBLY, SIZE 3, 318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20	
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13 [0.005]	3 PLC ± -	4 PLC ± -	ANGLES ± -
MATERIAL		FINISH		RESTRICTED TO	
SEE TABLE		SEE TABLE		CUSTOMER DRAWING	
SCALE 4:1		SHEET 1 OF 1		REV 0	

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[TE Connectivity:](#)

[5788801-1](#)