



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; THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
- ⚠ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, 0.76 μm [.000030] MIN GOLD IN MATED AREA, 2.54 μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27 μm [.000050] MIN NICKEL. EYELETS: 2.54 μm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54 μm [.000100] MIN TIN OVER 1.27 μm [.000050] MIN COPPER. THREADED INSERTS: CLEAR CHROMATE. BOARDLOCKS: 3.81 μm [.000150] MIN TIN OVER 1.27 μm [.000050] MIN NICKEL.
- ⚠ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54 μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27 μm [.000050] MIN NICKEL. EYELETS: 2.54 μm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54 μm [.000100] MIN TIN OVER 1.27 μm [.000050] MIN COPPER. THREADED INSERTS: CLEAR CHROMATE. BOARDLOCKS: 3.81 μm [.000150] MIN TIN OVER 1.27 μm [.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 TYPICAL HIGH TEMPERATURE SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.

OBSOLETE	TUBES	⚠	5788798-3
OBSOLETE	TRAYS	⚠	5788798-2
	TRAYS	⚠	5788798-1
	PACKAGING	FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN J. ALCORTA - DOCK5 04-12-05	NAME
0 PLC ± -	1 PLC ± -	CHK S. BOLASH 04-12-05	RCPT ASSEMBLY, SIZE 2, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20
2 PLC ± 0.13 [.005]	3 PLC ± -	APPD M. WALMSLEY 04-12-05	PRODUCT SPEC 108-40025
4 PLC ± -	ANGLES ± -	APPLICATION SPEC 114-40010	SIZE CAGE CODE DRAWING NO RESTRICTED TO
MATERIAL	FINISH SEE TABLE	WEIGHT	A1 00779 C=5788798
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV A1

STC TE Connectivity