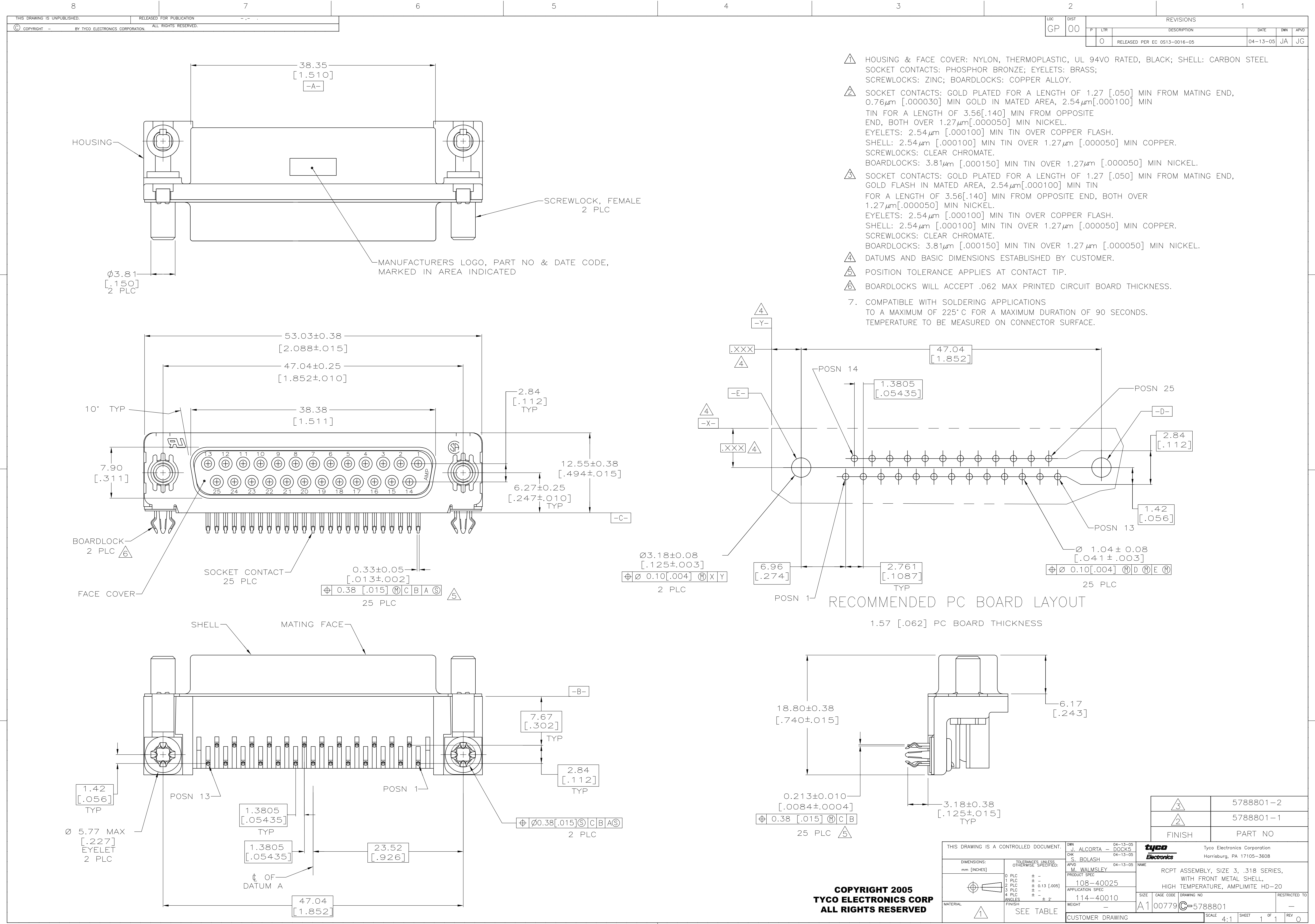




- 1. HOUSING & FACE COVER: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK; SHELL: CARBON STEEL
- 2. SOCKET CONTACTS: PHOSPHOR BRONZE; EYELETS: BRASS; SCREWLOCKS: ZINC; BOARDLOCKS: COPPER ALLOY.
- 3. SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN 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.
- 4. 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.
- 5. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6. POSITION TOLERANCE APPLIES AT CONTACT TIP.
- 7. BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.
- 8. COMPATIBLE WITH SOLDERING APPLICATIONS TO A MAXIMUM OF 225° C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.

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

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN J. ALCORTA - 04-13-05	Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 04-13-05	Harriburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APD M. WALMSLEY 04-13-05	NAME	
0 PLC ± -		PRODUCT SPEC	RCPT ASSEMBLY, SIZE 3, .318 SERIES,	
1 PLC ± -		APPLICATION SPEC	WITH FRONT METAL SHELL,	
2 PLC ± 0.13 [.005]		SIZE	HIGH TEMPERATURE, AMPLIMITE HD-20	
3 PLC ± -		CAGE CODE	DRAWING NO	
4 PLC ± -		WEIGHT	RESTRICTED TO	
ANGLES ± 2°		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV 0	
MATERIAL		FINISH	SEE TABLE	