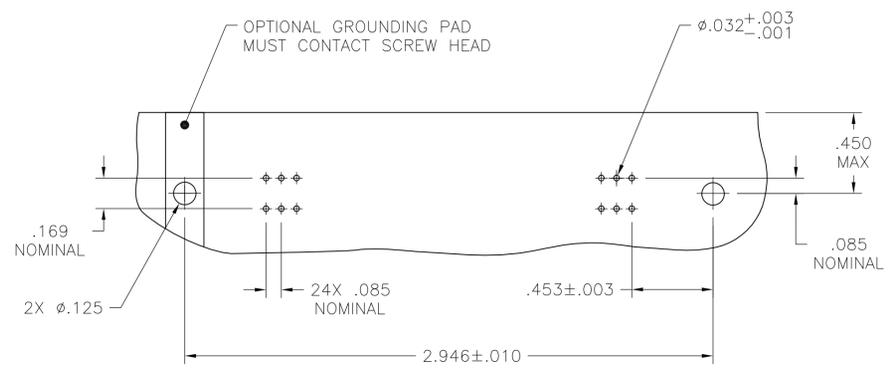
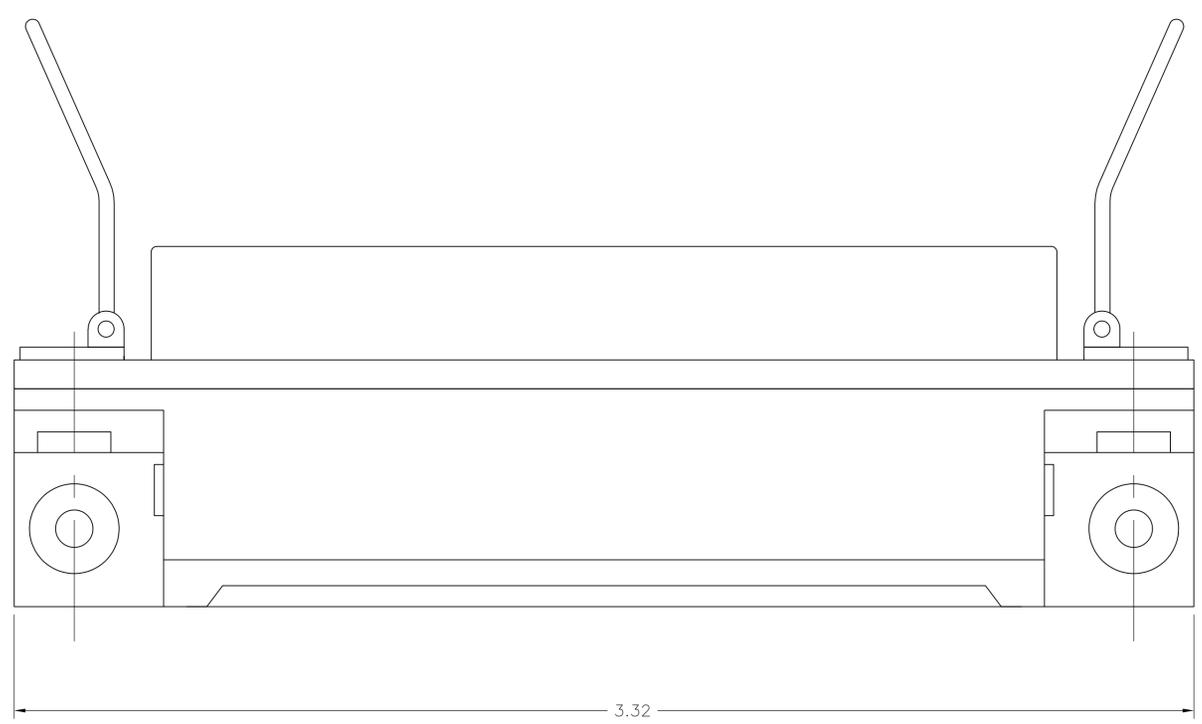


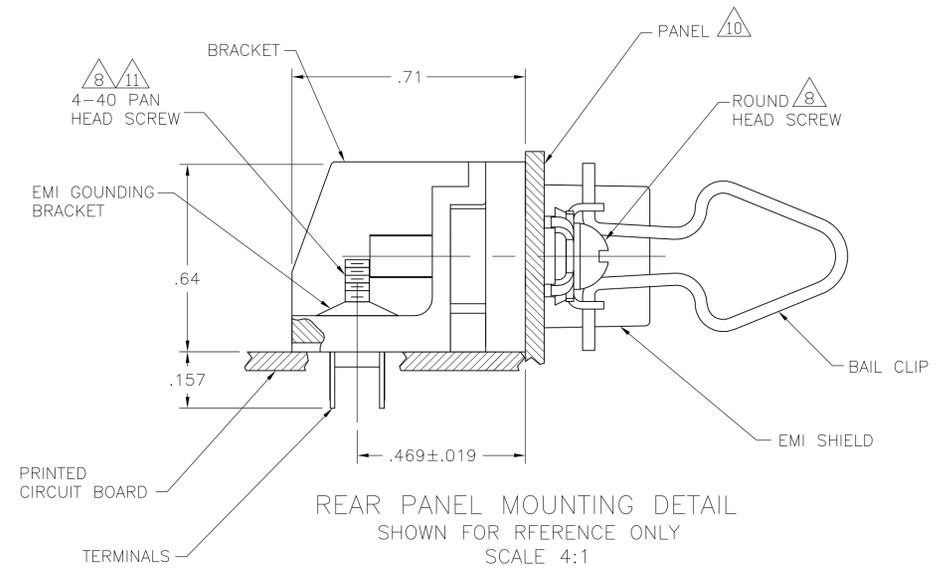
LOC		DIST		REVISIONS			
GP	00	REV	DATE	BY	APP'D	DATE	BY
B		REVISED PER ECO-08-007327	09APR08	BM	WM		



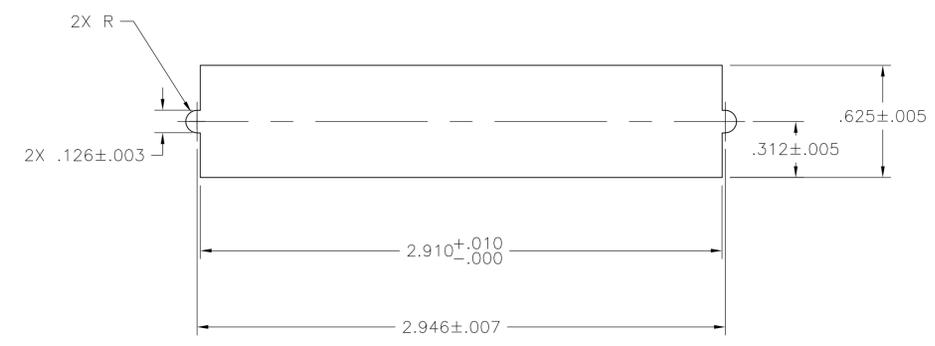
SUGGESTED PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS



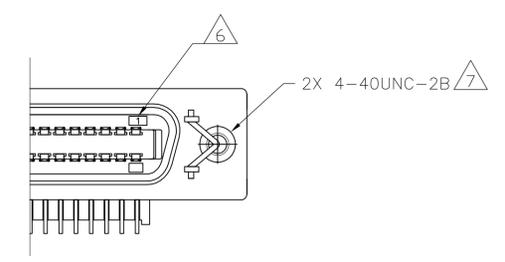
1. MATERIAL:
HOUSING, BRACKET, ADAPTER COMB & TERMINAL SUPPORT PLATE - THERMOPLASTIC (BLACK).
EMI SHIELD - BRIGHT NICKEL OVER COPPER PLATED DIE CASTING.
TERMINALS - HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER .000030 MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, .000030 MIN TOTAL ON MATING SURFACE. .000120 MIN TIN PLATE ON TAILS. ALL OVER .000050 MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
BAIL CLIP - PASSIVATED STAINLESS STEEL.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
3. CENTER-TO-CENTER SPACING OF TERMINALS IS .085 NOMINAL.
4. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
5. DETAIL A IS VIEWED FROM MATING SIDE OF RECEPTACLE ASSEMBLY.
6. TERMINAL 1 IS LOCATED IN THIS ROW FOR STANDARD ORIENTATION.
7. HOLES ARE TAPPED AFTER PLATING.
8. SCREWS SHOWN FOR REFERENCE ONLY. RECOMMENDED HARDWARE KIT 554273-2 FOR USE WITH THIS PART NUMBER.
9. BAIL CLIPS & EMI SHIELD ARE ASSEMBLED TO CONNECTOR BEFORE SHIPMENT.
10. PANEL THICKNESS RANGE: .062 MAX.
11. STAINLESS STEEL SCREWS RECOMMENDED BECAUSE OF CONTACT WITH SOLDER BATH.



REAR PANEL MOUNTING DETAIL SHOWN FOR REFERENCE ONLY SCALE 4:1



SUGGESTED REAR PANEL MOUNTING SHOWN FOR REFERENCE ONLY



DETAIL A STANDARD ORIENTATION

5554901-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: B. MCMASTER	OBAUG05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK: W. MILLHISE	OBAUG05	NAME: RECEPTACLE ASSEMBLY, SHIELDED, 50 POSITION, BAIL LOCK, RIGHT ANGLE, PANEL MOUNTING, PRINTED CIRCUIT BOARD, CHAMP	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: M. WALMISEY	OBAUG05	PRODUCT SPEC: --	
0. PLC ± .005		APPLICATION SPEC: --		SIZE: A1	
1. PLC ± .003		WEIGHT: --		CAGE CODE: 00779	
2. PLC ± .002		CUSTOMER DRAWING		DRAWING NO: 5554901	
3. PLC ± .001		SCALE: 1:1		SHEET 1 OF 1	
4. PLC ANGLES ± .001		REV: B		RESTRICTED TO: --	

Mouser Electronics

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