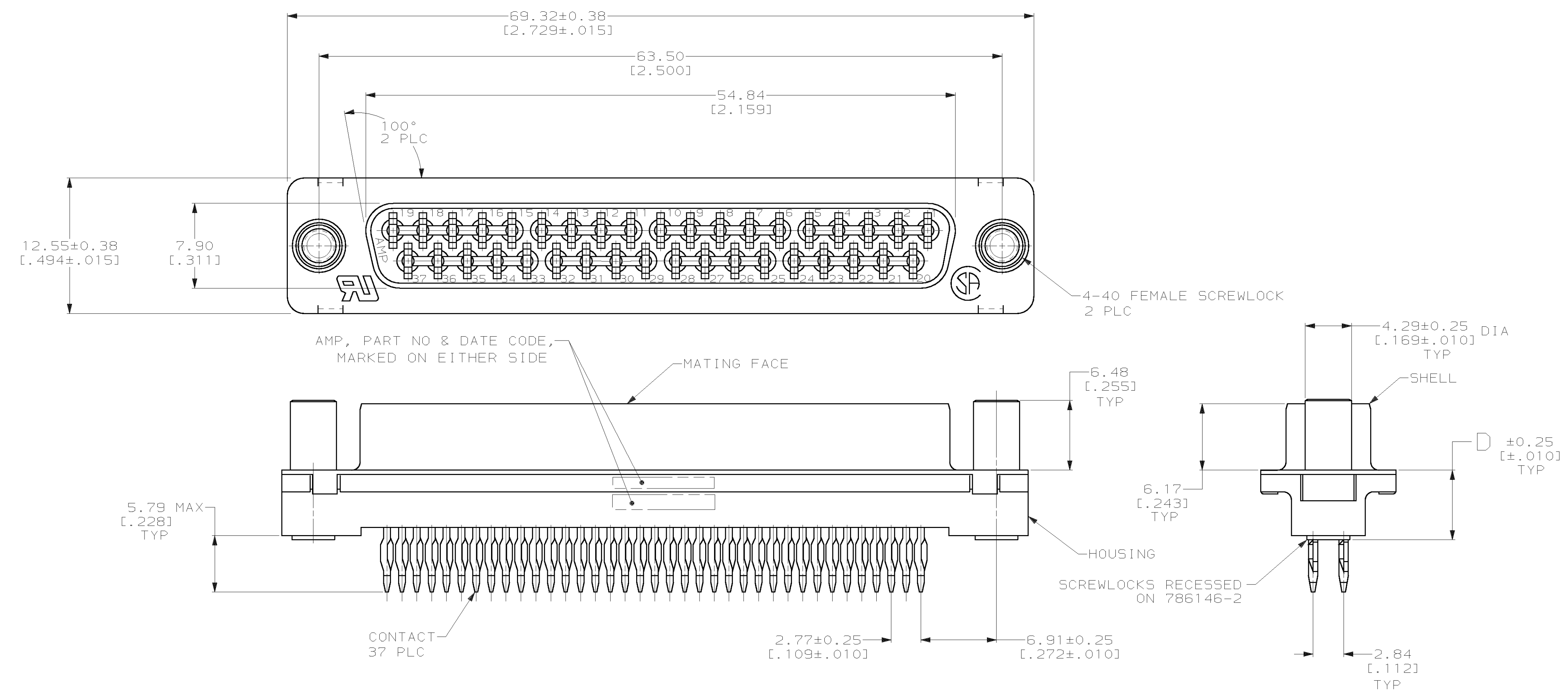
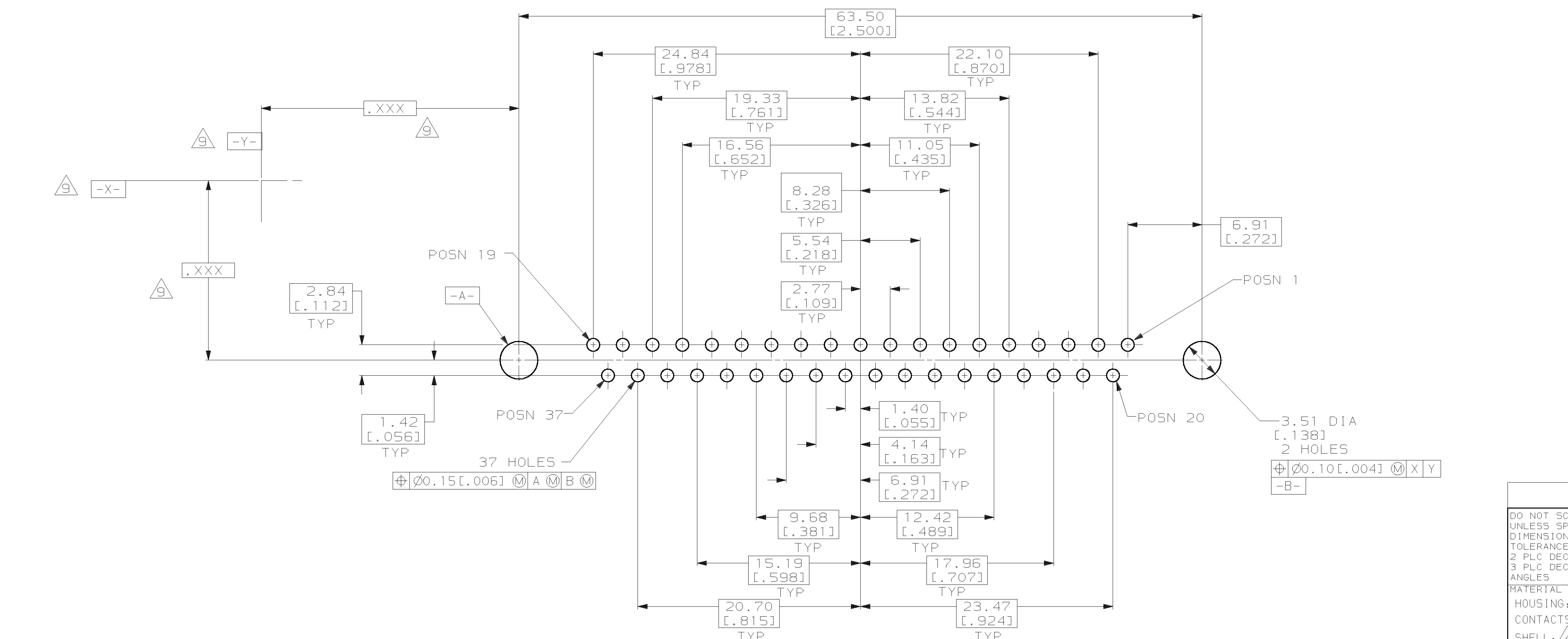


LOC		DIST		P		F		ZONE		LTR		REVISIONS		
GP	00											DESCRIPTION	DATE	APPD
												REV PER EC OUE0-0045-01	08NOV01	JR



- ⚠ RECOMMENDATIONS FOR 2.36 [0.093] MIN THICK PC BOARD:
 - A. HOLE DIAMETER AFTER DRILLING = 1.14±0.03 [0.045±.001].
 - B. HOLE DIAMETER AFTER TIN-LEAD PLATING = 0.94-1.09 [0.037-.043].
 - C. HOLE DIAMETER AFTER REFLOW = 0.91-1.09 [0.036-.043].
 - D. PC BOARD PLATING TO BE 7.62µm [0.000300] MIN TIN-LEAD OVER 0.05±0.03 [0.002±.001] COPPER.
- ⚠ NYLON OR POLYESTER, UL 94V-0 RATED, GLASS FILLED, BLACK.
- ⚠ COPPER ALLOY PER ASTM B 122.
- ⚠ CARBON STEEL PER ASTM A 109.
- ⚠ BRASS PER QQ-B-626.
- ⚠ GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727, COPPER PLATING PER MIL-C-14550.
- ⚠ 5.08µm [0.000200] MIN TIN-LEAD OVER 2.54µm [0.000100] MIN COPPER.
- ⚠ 0.76µm [0.000030] MIN GOLD FOR A LENGTH OF 1.02 [0.040] MIN FROM MATING END, 2.54µm [0.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 5.79 [0.228] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [0.000050] MIN NICKEL.
- ⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.



RECOMMENDED PC BOARD MOUNTING DIMENSIONS
 CONNECTOR SIDE OF BOARD

5.99 [0.236]	786146-2
6.48 [0.255]	786146-1
D	PART NUMBER

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON:		DR 1-30-92 C. OBERMAN		AMP Incorporated Harrisburg, PA 17105-3608	
2 PLC DEC ± 0.13 [0.005]		CHK 2-4-92 R. STONE			
3 PLC DEC ± -		APPD 2-5-92 M. PERCHERKE		NAME	
ANGLES ± 2°		APPD 2-5-92 W. PARKER		RECEPTACLE ASSEMBLY, SIZE 4, 37 POSITION, ACTION PIN™ VERTICAL, FRONT METAL SHELL AMPLIMITE™ HD-20	
MATERIAL		PRODUCT SPEC		SIZE	
HOUSING: ⚠ SCREWLOCKS: ⚠		108-40014		D 00779	
CONTACTS: ⚠		APPLICATION SPEC		CAGE CODE	
SHELL: ⚠		-		DRAWING NO	
FINISH: ⚠		-		786146	
CONTACTS: ⚠		WEIGHT		SCALE	
SHELL: ⚠		-		4:1	
				SHEET	
				1 OF 1	