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LOC	DIST	P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
AD	0				J	REV PER 063C-0209-03	22JUL03	JO

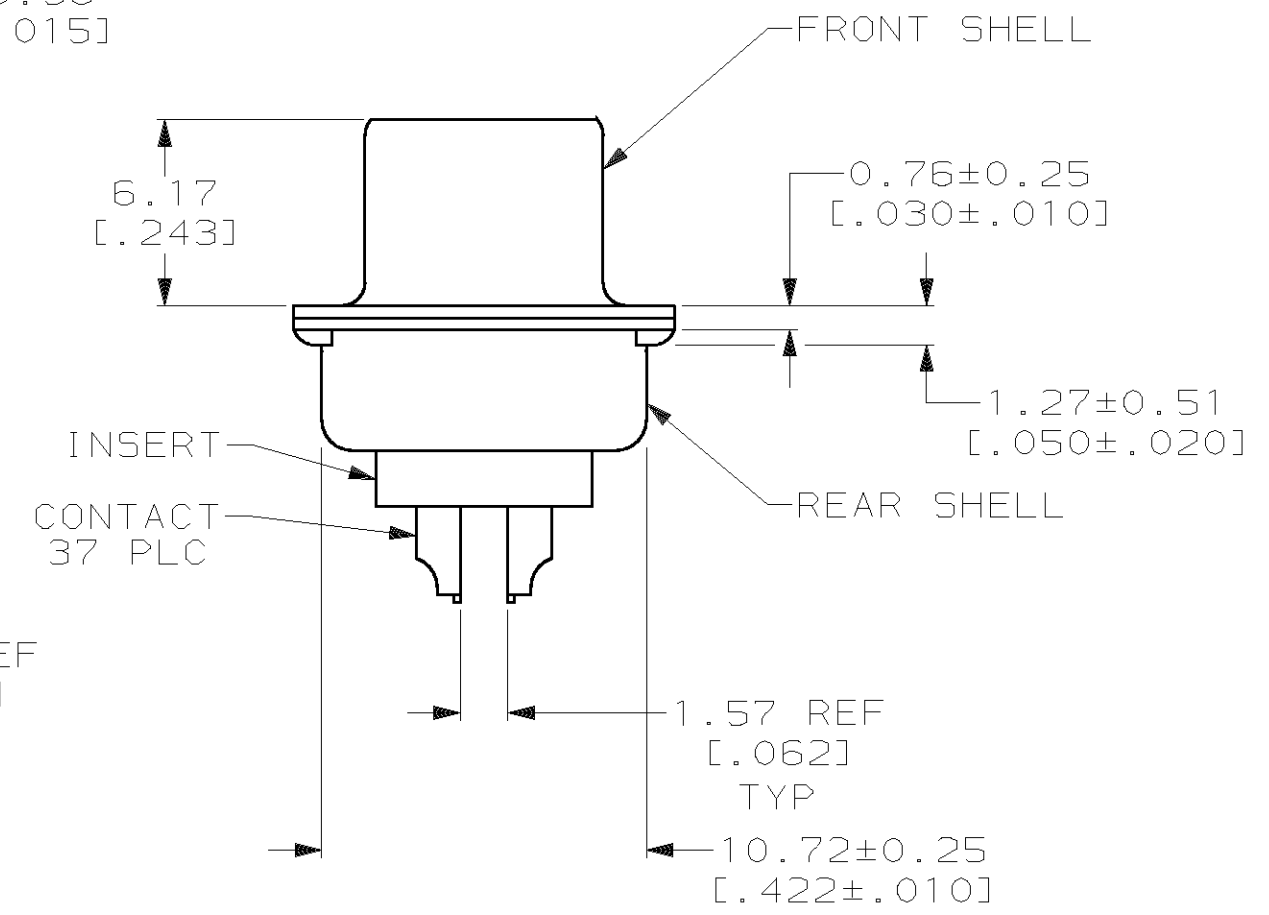
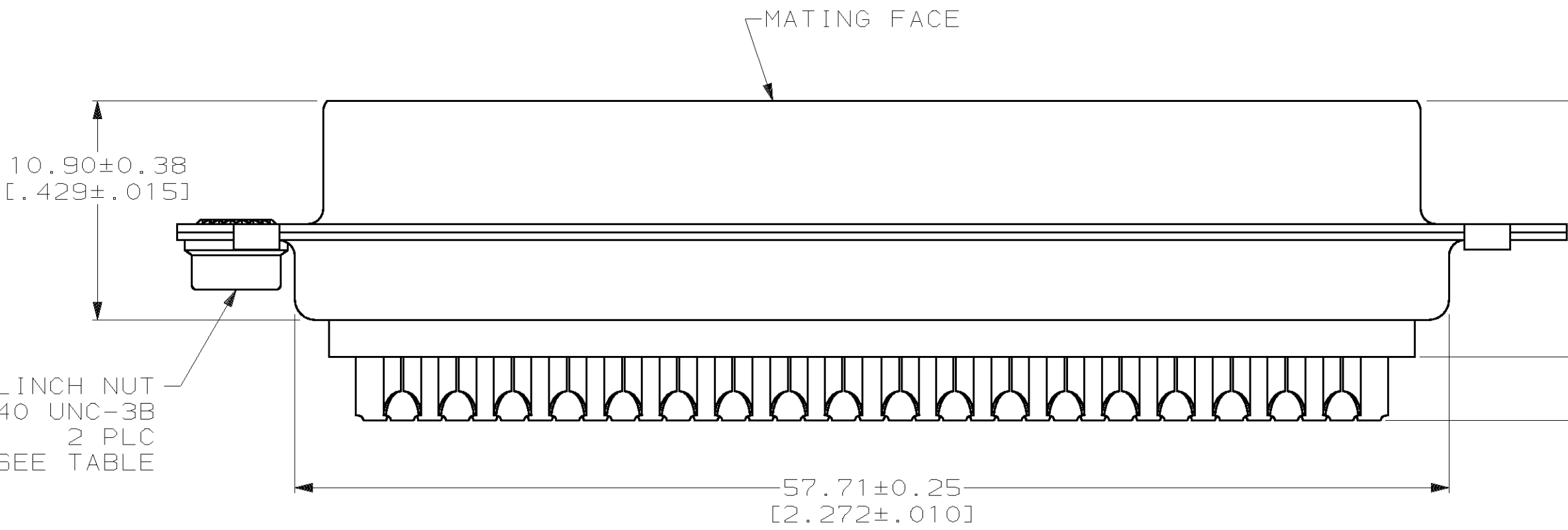
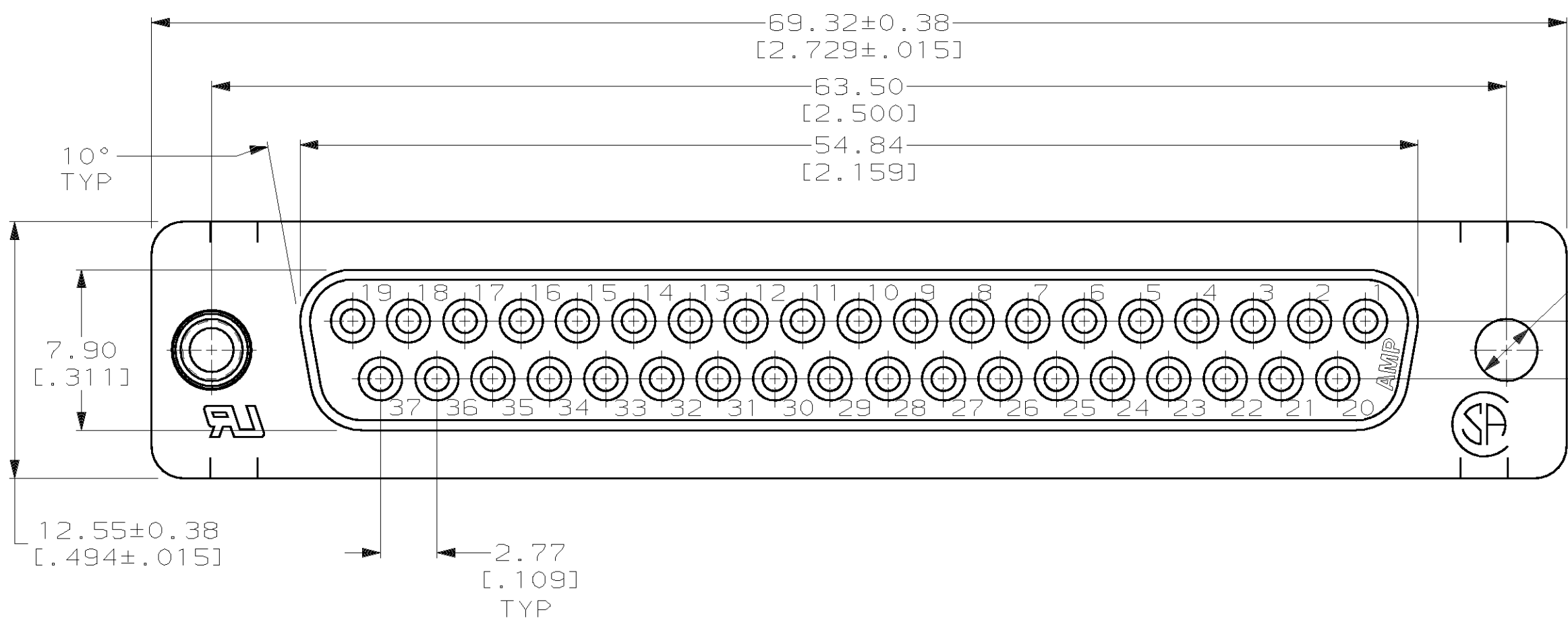
1. RECEPTACLE ASSEMBLY MATES WITH ANY 37 POSITION PLUG IN AMPLIMITE® SERIES.
2. SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
3. FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED NYLON OR POLYESTER, BLACK.
4. PHOSPHOR BRONZE PER QQ-B-750.
5. CARBON STEEL PER ASTM A109.
6. TIN PLATING PER MIL-T-10727; GOLD PLATING PER MIL-G-45204; NICKEL PLATING PER QQ-N-290; ZINC PLATING PER ASTM B633, TYPE II, CLASS SC1, YELLOW CHROMATE.
7. 5.08µm [.000200] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
8. 5.08µm [.000200] MIN ZINC PLATED.
9. 0.025µm [.000001] MIN GOLD ON MATING END FOR A LENGTH OF 2.54 [.100] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 0.76µm [.000030] MIN NICKEL.
10. 0.76µm [.000030] MIN GOLD ON MATING END FOR A LENGTH OF 2.54 [.100] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
11. 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
12. 0.025µm [.000001] MIN GOLD ON MATING END FOR A LENGTH OF 3.81 [.150] MIN, 3.81µm [.000150] MIN TIN FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 0.76µm [.000030] MIN NICKEL.
13. LEAD FREE PART.
14. PRELIMINARY PART.

	14	13	YES	12	11	747917-7
			YES	9	7	747917-6
			NO	10	7	747917-5
OBSOLETE			-	9	8	747917-4
			NO	9	7	747917-2

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON : 2 PLC DEC ± 0.13 [.005] 3 PLC DEC ± - ANGLES ± 2°		DR 10-3-89 C RICHARD		 AMP INCORPORATED Harrisburg, Pa. 17105	
MATERIAL INSERT: 3 CONTACTS: 4 SHELLS & CLINCH NUTS: 5		CHK 10-3-89 R STONE			
FINISH 6 CONTACTS: SEE TABLE SHELLS: SEE TABLE CLINCH NUTS: ZINC PLATED		APPD 10-3-89 L BREKOSKY		NAME RECEPTACLE ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSITION AMPLIMITE® HD-20	
		APPD 10-3-89 J SHOWERS		DRAWING NO 747917	
		PRODUCT SPEC 108-40031		CAGE CODE 00779	
		APPLICATION SPEC -		SCALE 4:1	
		WEIGHT -		SHEET 1 OF 2	

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LOC	DIST	P	F	ZONE	LTR	REVISIONS	DATE	APPD
AD	0				J	SEE SHEET 1	-	-



CLINCH NUT  
 4-40 UNC-3B  
 2 PLC  
 SEE TABLE

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON : 2 PLC DEC ± 0.13 [.005] 3 PLC DEC ± - ANGLES ± 2°		DR 10-3-89 C RICHARD		PART NO	
MATERIAL INSERT: $\triangle 3$ CONTACTS: $\triangle 4$ SHELLS & CLINCH NUTS: $\triangle 5$		CHK 10-3-89 R STONE		AMP INCORPORATED Harrisburg, Pa. 17105	
FINISH $\triangle 6$ CONTACTS: SEE TABLE SHELLS: SEE TABLE CLINCH NUTS: ZINC PLATED		APPD 10-3-89 L BREKOSKY		NAME RECEPTACLE ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSITION AMPLIMITE® HD-20	
		APPD 10-3-89 J SHOWERS		DRAWING NO 747917	
		PRODUCT SPEC 108-40031		SCALE 4:1	
		APPLICATION SPEC -		CAGE CODE 00779	
		WEIGHT -		SHEET 2 OF 2	