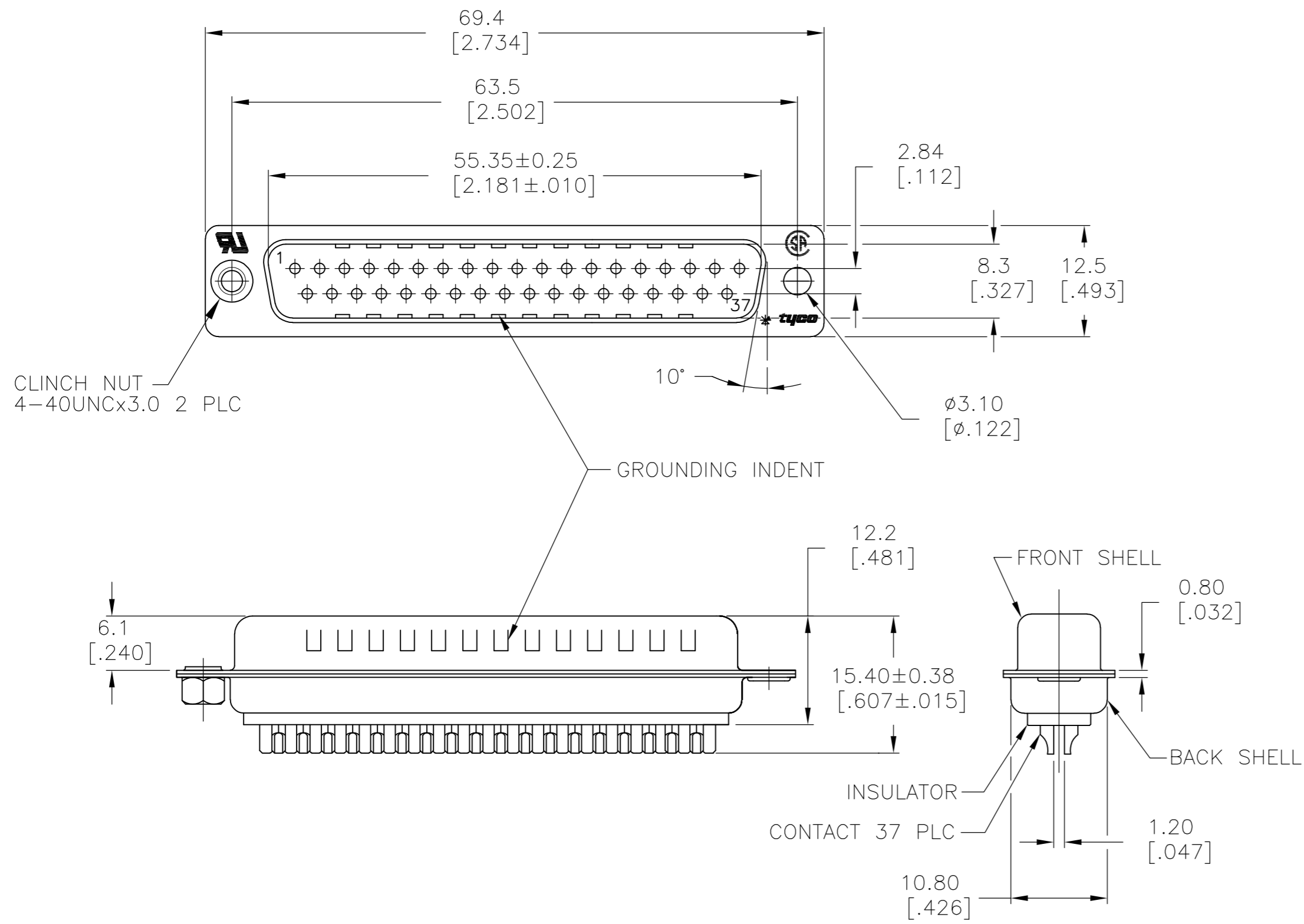


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	0	S		REVISED PER ECO-08-025671	16OCT08	HMR	JO



- 1 MATERIAL:  
 FRONT INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR  
 BACK INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR  
 CONTACT: BRASS  
 FRONT SHELL: STEEL  
 BACK SHELL: STEEL  
 CLINCH NUTS: BRASS
- 2 FINISH:  
 CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 3 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 4 SHELL: TIN 0.0241[.000095] MIN FULL SHELL
- 5 SHELL: BLUE ZINC: 0.00508[.000200] - 0.00762[.000300] OVER ENTIRE SHELL
- 6 CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-COPPER PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 7 CLINCH NUTS: NICKEL PLATING .00305-.00508[.000120-.000200]
- 8 SPECIFICATION  
 ELECTRICAL CHARACTERISTICS: CURRENT RATING: 3 AMPERES  
 DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s  
 INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V  
 CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 9 ROHS 2002/95/EC COMPLIANT
- 10 PLUG ASSEMBLY MATES WITH ANY 37 POSITION RECEPTACLE IN AMPLIMITE SERIES
- 11 SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 12 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

9	STANDARD	NO	NO	6	5	5-747916-4
9	STANDARD	YES	YES	6	4	5-747916-6
9	STANDARD	NO	YES	12	4	5-747916-5
9	STANDARD	NO	YES	6	4	5-747916-2
9	STANDARD	NO	YES	6	4	747916-7
	SUPERSEDED TO 5-747916-2	STANDARD	YES	2	4	747916-6
	SUPERSEDED TO 5-747916-6	STANDARD	NO	3	4	747916-5
	SUPERSEDED TO 5-747916-5	STANDARD	NO	2	5	747916-4
	SUPERSEDED TO 5-747916-4	STANDARD	NO	2	4	747916-2
	SUPERSEDED TO 5-747916-2	STANDARD	NO	2	4	747916-2
	PACKAGING TYPE	7	CLINCH NUTS			
			GROUNDING INDENTS			
			CONTACTS			
			SHELLS			
			PART NO.			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	M.BINNER	04MAR03	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK	R.BENDORF	05MAR03	
APVD	R.BENDORF	05MAR03	
PRODUCT SPEC	R.BENDORF	05MAR03	
DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.05 4 PLC ± - ANGLES ± 4°			NAME PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE
MATERIAL	SEE TABLE	FINISH	SIZE A2 CAGE CODE 00779 DRAWING NO. C=747916 RESTRICTED TO -
CUSTOMER DRAWING			SCALE 2:1 SHEET 1 of 1 REV S