

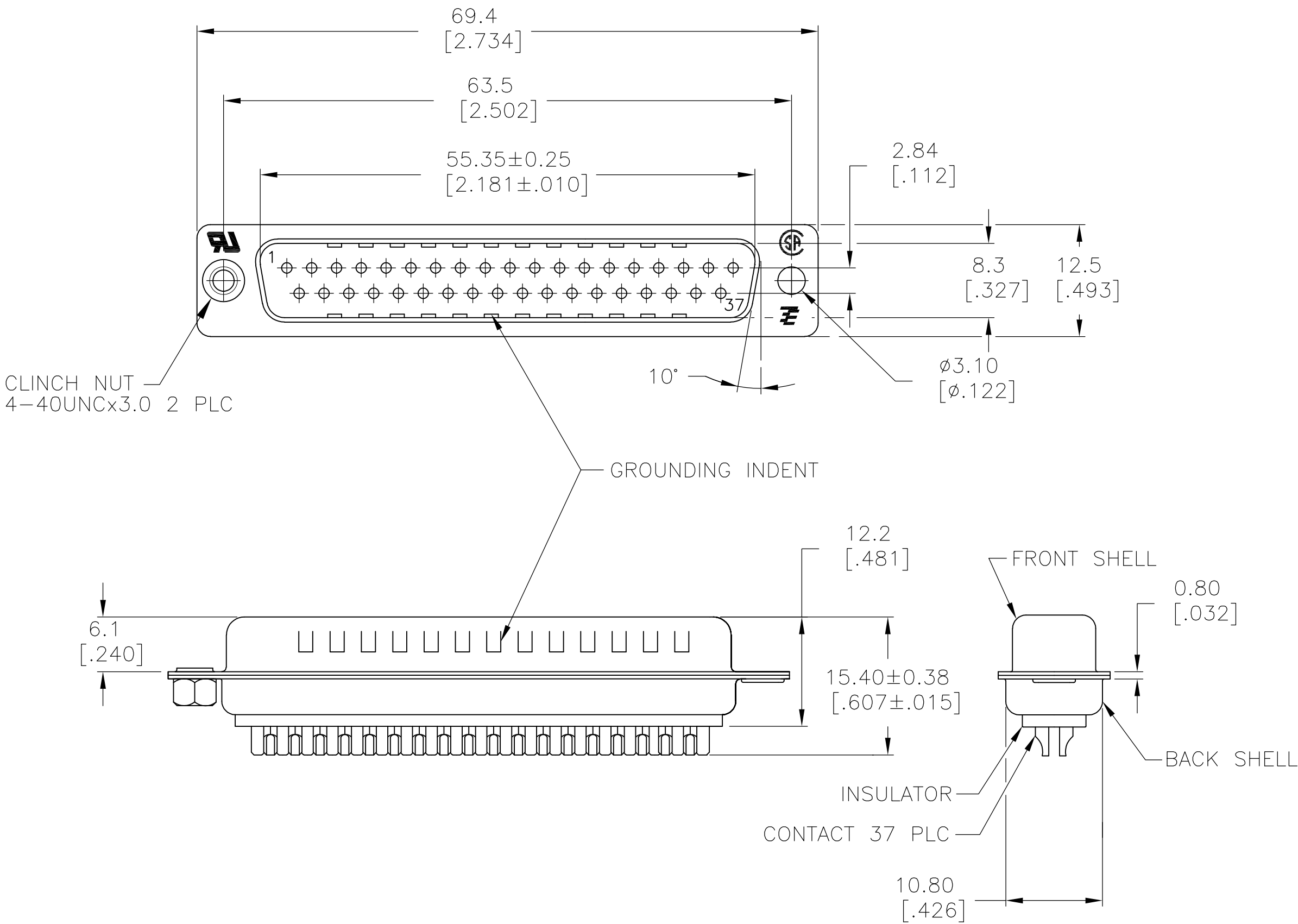
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
GP	00		W	REVISED PER ECO-15-010090	16JUL2015	AP
						DG

D

C

B

A



- 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: BRIGHT TIN 0.00241[.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 HOT DIPPED 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 HOT DIPPED TIN-COPPER ALL OVER 0.00127[.000050]
MIN NICKEL PLATING
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

		9 OBSOLETE	STANDARD	NO	NO	6	5	5-747916-4
		13 9 OBSOLETE	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
SUPERSEDED TO 5-747916-2		9	STANDARD	NO	YES	6	4	747916-7
SUPERSEDED TO 5-747916-6			STANDARD	YES	YES	2	4	747916-6
SUPERSEDED TO 5-747916-5			STANDARD	NO	YES	3	4	747916-5
SUPERSEDED TO 5-747916-4			STANDARD	NO	NO	2	5	747916-4
SUPERSEDED TO 5-747916-2			STANDARD	NO	YES	2	4	747916-2
			PACKAGING TYPE	7 CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. BINNER 04MAR03	TE Connectivity				
DIMENSIONS: mm [INCHES]		CHK R. BENDORF 05MAR03					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. BENDORF 05MAR03	NAME PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE				
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.05 4 PLC ± - ANGLES ± 4°		PRODUCT SPEC	SIZE A2				
MATERIAL 1		APPLICATION SPEC	CAGE CODE 00779				
FINISH SEE TABLE		WEIGHT -	DRAWING NO 747916				
		CUSTOMER DRAWING	RESTRICTED TO -				
		SCALE 2:1	SHEET 1 OF 1				
			REV W				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-747916-5](#)