



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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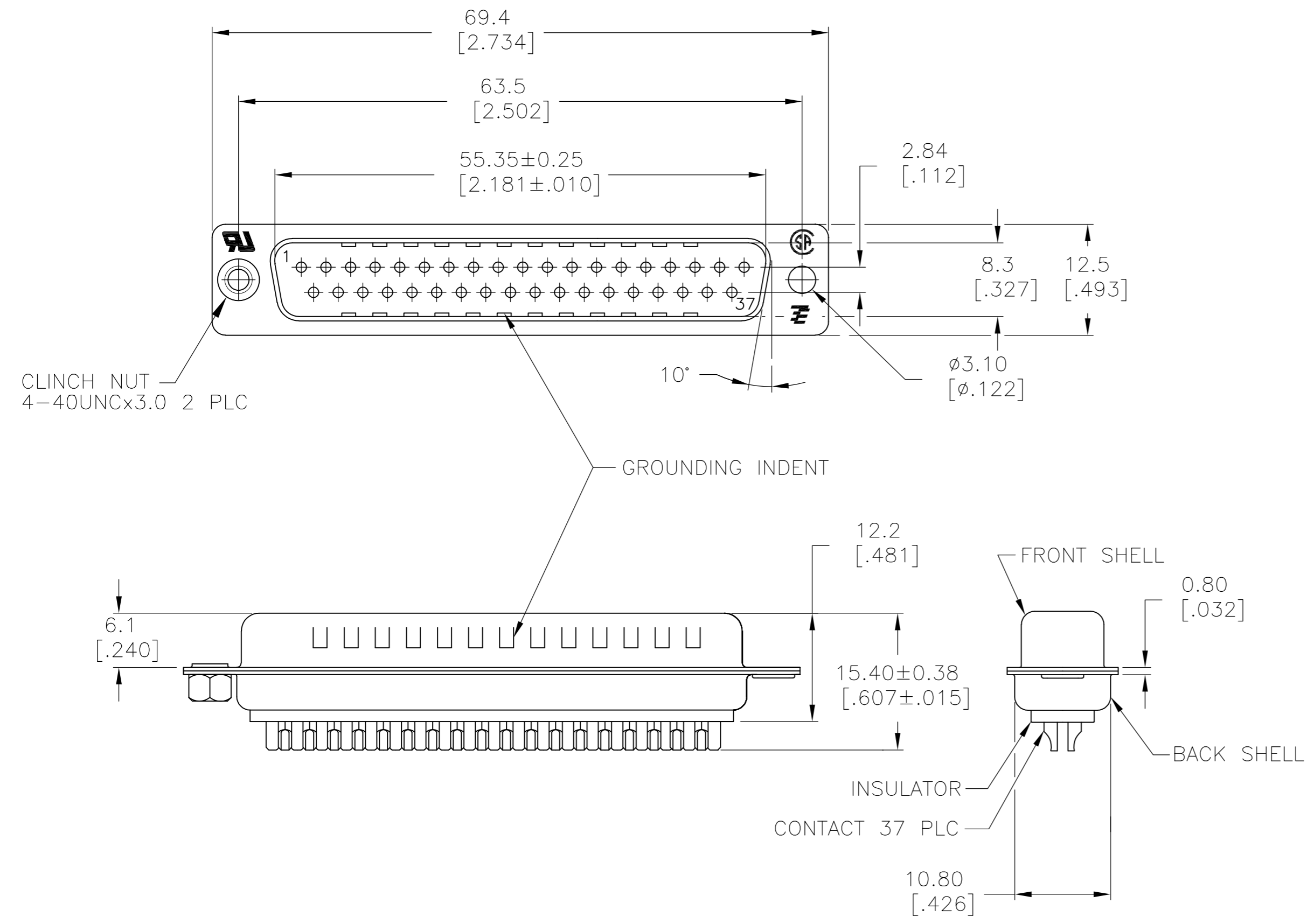
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
GP	00	W		REVISED PER ECO-15-010090	16JUL2015	AP	DG



- 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

REVISION	DESCRIPTION	DATE	BY	CHKD	APVD	PRODUCT SPEC	APPLICATION SPEC	WEIGHT	SCALE	SHEET	REV
1	STANDARD	NO	NO	6	5	5-747916-4					
2	STANDARD	YES	YES	6	4	5-747916-6					
3	STANDARD	NO	YES	12	4	5-747916-5					
4	STANDARD	NO	YES	6	4	5-747916-2					
5	STANDARD	NO	YES	6	4	747916-7					
6	STANDARD	YES	YES	2	4	747916-6					
7	STANDARD	NO	YES	3	4	747916-5					
8	STANDARD	NO	NO	2	5	747916-4					
9	STANDARD	NO	YES	2	4	747916-2					
10	PACKAGING TYPE	CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.					

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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°

MATERIAL: 1 SEE TABLE

FINISH: SEE TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: M. BINNER, CHK: R. BENDORF, APVD: R. BENDORF, PRODUCT SPEC: PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE

TE Connectivity

SIZE: A2, CAGE CODE: 00779, DRAWING NO: C-747916, RESTRICTED TO: -

CUSTOMER DRAWING, SCALE: 2:1, SHEET: 1 OF 1, REV: W