



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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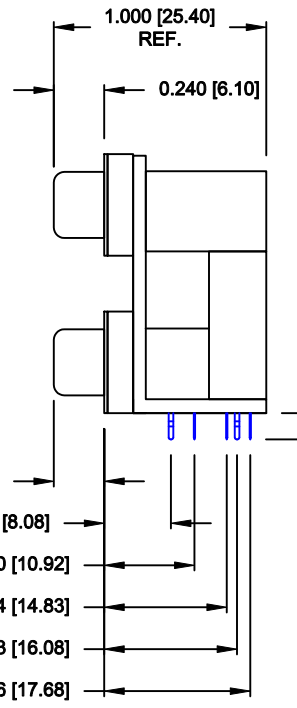
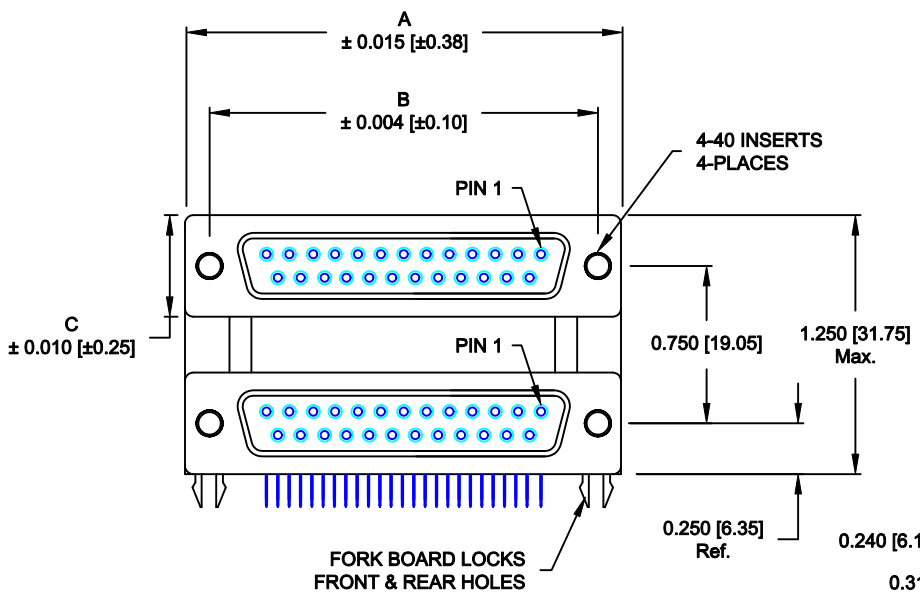
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DESCRIPTION: 0.750 [19.05] CENTER DUAL PORT D-SUB - FEMALE OVER FEMALE

25 PIN SHOWN

DIMENSIONS - INCHES [MM]				
POS	9	15	25	37
A	1.204 [30.58]	1.535 [38.99]	2.078 [52.78]	2.724 [69.19]
B	0.984 [24.99]	1.312 [33.32]	1.850 [46.99]	2.500 [63.50]
C	0.494 [12.55]	0.494 [12.55]	0.494 [12.55]	0.494 [12.55]



**SPECIFICATION:**

**MATERIAL:**

- SHELL: STEEL, NICKEL PLATED
- INSULATOR: UL 94V-0 RATED, BLACK PA9T, 260° PROCESS TEMP.
- CONTACTS: BRASS
- CONTACT PLATING: GOLD PLATED

**ELECTRICAL:**

- INSULATOR RESISTANCE: 1,000 Ohms Min.
- DIELECTRIC STRENGTH: 1,000VAC RMS
- CURRENT RATING: 5 AMPS
- OPERATING TEMPERATURE: -55° C TO 105° C

**178-YYY-513R49Y**

**SERIES**

**POSITIONS**

- 009
- 015
- 025
- 037

**GENDER**

- 31 = FEMALE OVER MALE
- 41 = MALE OVER FEMALE
- 51 = FEMALE OVER FEMALE
- 61 = MALE OVER MALE

**SHELL PLATING**

- 3 = NICKEL

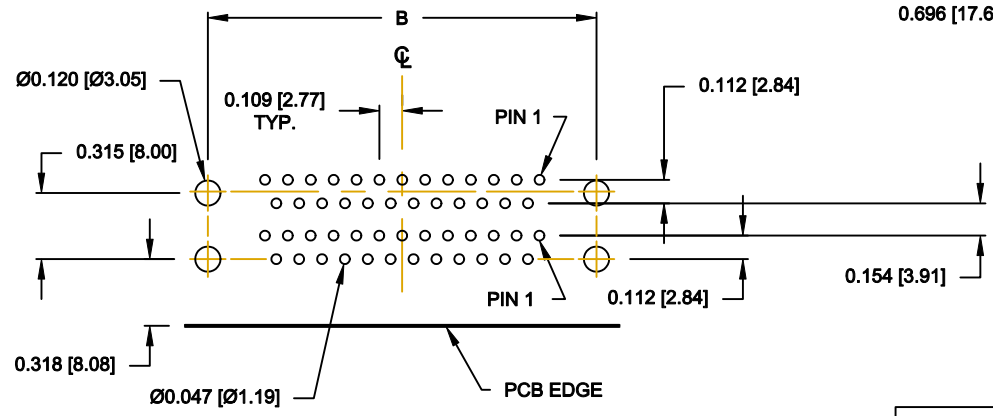
**RoHS COMPLIANT (HIGH TEMP. PROCESS)**

**HARDWARE OPTIONS**

- 49 = 4-40 INSERTS/BOARD LOCKS

**PLATING OPTIONS**

- 1 = GOLD FLASH (ENTIRE CONTACT)
- A = 30u" GOLD MATING AREA/GOLD FLASH TAILS
- 9 = 30u" GOLD IN MATING AREA / TIN TAILS



RECOMMENDED PCB LAYOUT

DO NOT SCALE FROM DRAWING



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DRAWN: C. SMITH DATE: 03-30-07

CHECKED: DATE:

**NorComp**

SCALE: 1:1 SHEET 1 OF 1 REV 9

DWG NO. 178-YYY-513R49Y

RoHS COMPLIANT