



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!



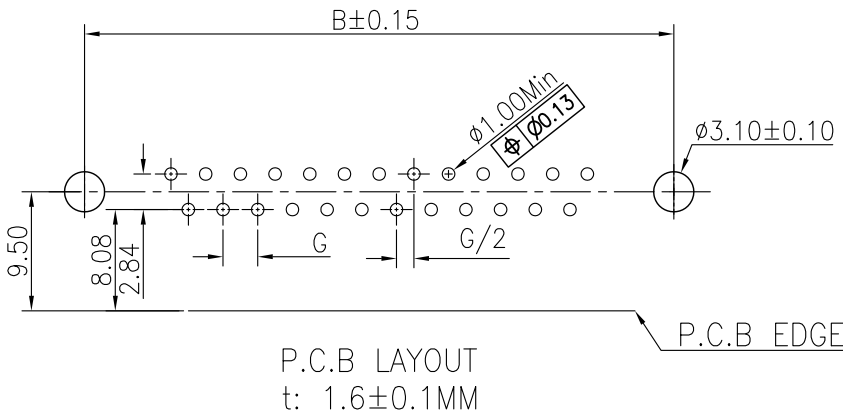
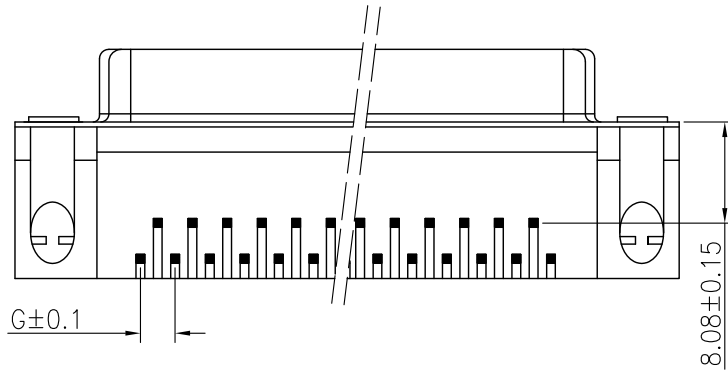
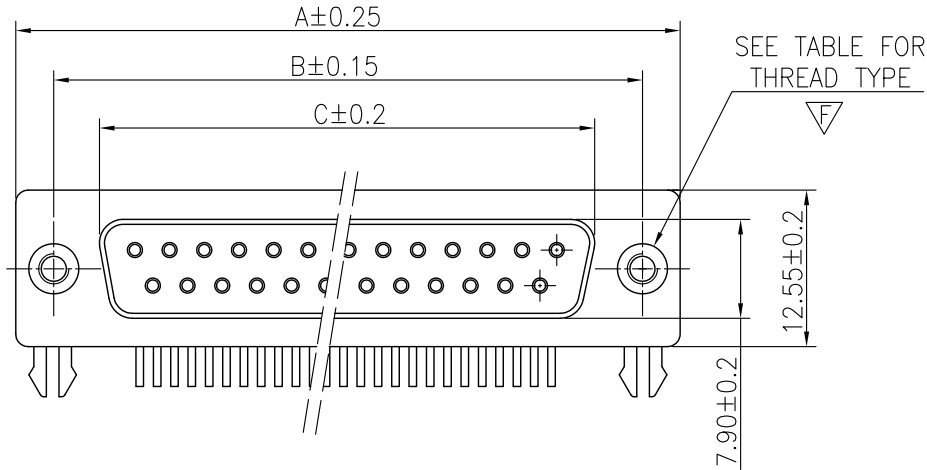
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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





REMARK:

1.CHARACTERISTICS:

RATED VOLTAGE: 250V
 RATED CURRENT: 5AMP
 CONTACT RESISTANCE: 25mohms MAX.INITIAL;40mohmsMAX.AFTER.
 INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
 DIELECTRIC STRENGTH: 1000Vrms
 OPERATING TEMPERATURE RANGE: -55°C~105°C
 INSERTION/EXTRACTION FORCE PER CONTACT :5N Max./0.3N Min.
 MATING/UNMATING CYCLES :50MATINGS MIN.

2.MATERIAL:

INSULATORS: GLASS-FILLED THERMOPLASTIC UL94V-0, COLOR IN BLACK.
 CONTACTS: COPPER ALLOY, SELECTIVE GOLD ON CONTACT AREA,
 100u" Min MATTE TIN TOP OVER SOLDER AREA,
 30u" Min NICKEL UNDER PLATE.
 SHELL: STEEL,100u" Min NICKEL TOP OVER,
 50u" Min COPPER UNDER PLATE.
 BOARD LOCK :COPPER ALLOY ,100u" Min MATTE TIN PLATED.

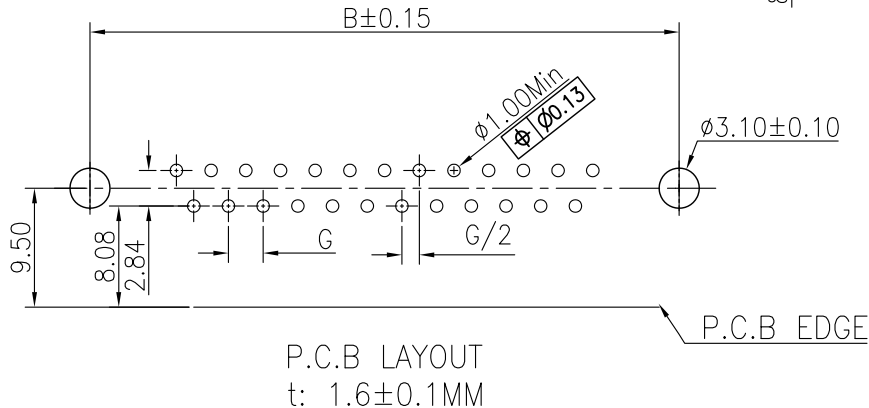
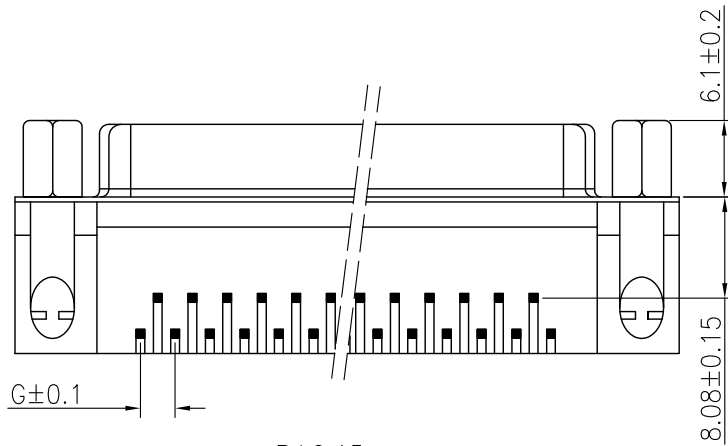
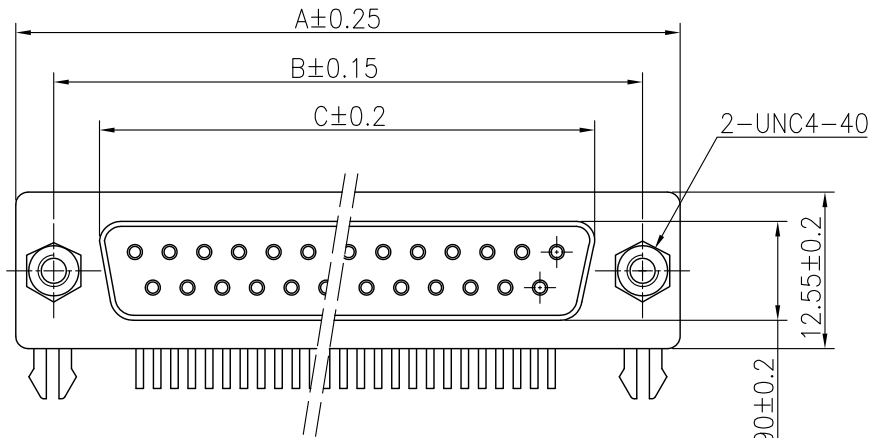
3. PART NUMBER DESCRIPTION:

10090099-S XX X X LF

SERIES NO. _____ LF: ROHS COMPLIANT
 TYPE _____ FLANGE MOUNTING OPTION
 S: SOCKET (FEMALE) X: UNC #4-40 CLINCHNUTS
 L: M3 CLINCHNUTS
 NUMBER OF CONTACTS _____ CONTACT FINISH
 09: 9-PIN 4: GOLD FLASH
 15: 15-PIN 6: 30u" PLATING OPTION
 25: 25-PIN AVAILABLE ON REQUEST
 37: 37-PIN

POS.	PART NO.	THREAD TYPE		
09P	10090099-S09*LLF	M3X0.5		
15P	10090099-S15*LLF	M3X0.5		
25P	10090099-S25*LLF	M3X0.5		
37P	10090099-S37*LLF	M3X0.5		
09P	10090099-S09*XLf	UNC 4-40		
15P	10090099-S15*XLf	UNC 4-40		
25P	10090099-S25*XLf	UNC 4-40		
37P	10090099-S37*XLf	UNC 4-40		
POS.	A	B	C	G
09P	30.81	24.99	16.33	2.74
15P	39.24	33.32	24.66	2.74
25P	53.04	47.04	38.38	2.77
37P	69.32	63.50	54.84	2.77

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		
ltr	ecn no	dr	date	linear	.X ± 0.38	projection	www.fciconnect.com			
A	T09-1033	J.H	3/12/09		.XX ± 0.25		title D-SUB FEMALE RIGHT-ANGLE US STYLE			
B	T09-1044	J.H	4/2/09	angles	.XXX ± 0.10		product family D-SUB code TWN			
C	ELX-I-13433	AB	9/11/12		0' ± 2'		size A4 10090099		sheet 1 of 2	
				dr	JASON HSU	3/12/09	MM			
				enr	JASON HSU	3/12/09	scale 1:1			
				chr	ALIAS BABU	9/11/12				
				appd	MITHUN PAUL	9/11/12				
sheet index	revision sheet	C	C							
		1	2							



REMARK:

1.CHARACTERISTICS:

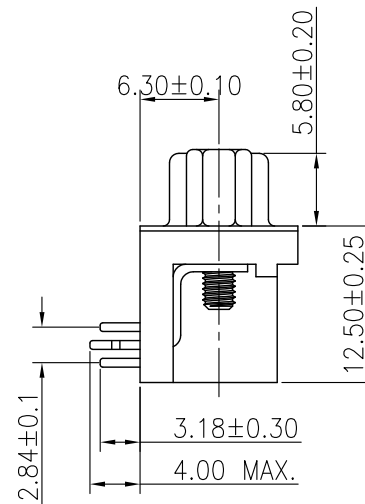
RATED VOLTAGE: 250V
 RATED CURRENT: 5AMP
 CONTACT RESISTANCE: 25mohms MAX.INITIAL ;40mohms MAX.AFTER
 INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
 DIELECTRIC STRENGTH: 1000VRMS
 OPERATING TEMPERATURE RANGE: -55°C~105°C
 INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.3N Min.
 MATING/UNMATING CYCLES :50MATINGS MIN.

2.MATERIAL:

INSULATORS: GLASS-FILLED THERMOPLASTIC UL94V-0, COLOR IN BLACK.
 CONTACTS: COPPER ALLOY,SELECTIVE GOLD ON CONTACT AREA,
 100u" Min MATTE TIN TOP OVER SOLDER AREA,
 30u" Min NICKEL UNDER PLATE.
 SHELL: STEEL,100u" Min NICKEL TOP OVER,
 50u" Min COPPER UNDER PLATE.
 BOARD LOCK :COPPER ALLOY,100u" Min MATTE TIN PLATED.
 SCREW LOCK: COPPER ALLOY, 100u" Min BRIGHT NICKEL PLATED.

3. PART NUMBER DESCRIPTION:

10090099-S XX X X LF
 SERIES NO. TYPE NUMBER OF CONTACTS
 S: SOCKET (FEMALE)
 09: 9-PIN
 15: 15-PIN
 25: 25-PIN
 37: 37-PIN
 LF: ROHS COMPLIANT
 FLANGE MOUNTING OPTION
 V: UNC #4-40 SCREWLOCKS
 CONTACT FINISH
 4: FLASH GOLD
 6: 30u" PLATING OPTION AVAILABLE ON REQUEST



POS.	PART NO.	A	B	C	G
09P	10090099-S09*VLF	30.81	24.99	16.33	2.74
15P	10090099-S15*VLF	39.24	33.32	24.66	2.74
25P	10090099-S25*VLF	53.04	47.04	38.38	2.77
37P	10090099-S37*VLF	69.32	63.50	54.84	2.77

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.38	projection	www.fciconnect.com		
C					.XX ± 0.25		title D-SUB FEMALE RIGHT-ANGLE US STYLE		
				angles	.XXX ± 0.10			product family D-SUB	
				dr	0° ±2°	MM		size dwg no	
				enr		scale	10090099		sheet
				chr	JASON HSU 3/12/09	1:1			2 of 2
				appd	ALIAS BABU 9/11/12				
					MITHUN PAUL 9/11/12				
sheet index	revision sheet								