

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.

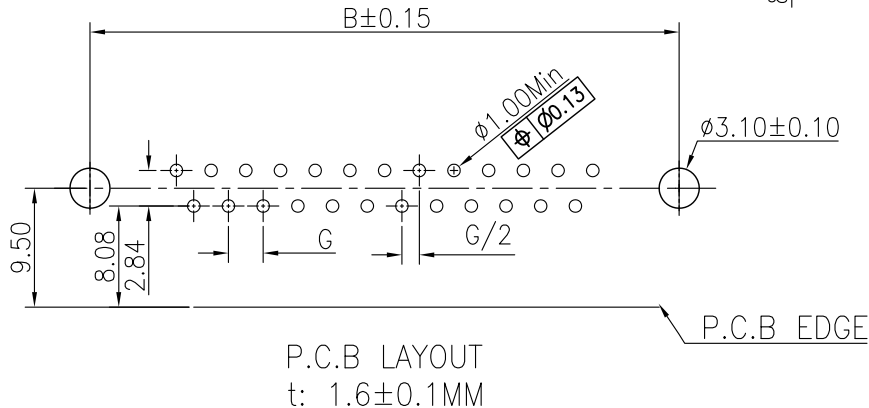
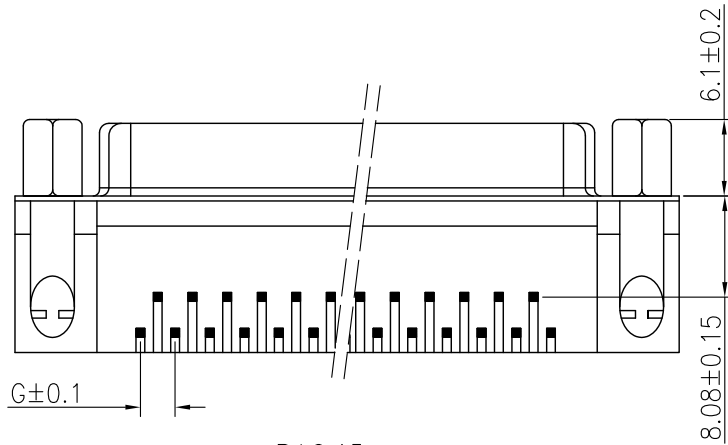
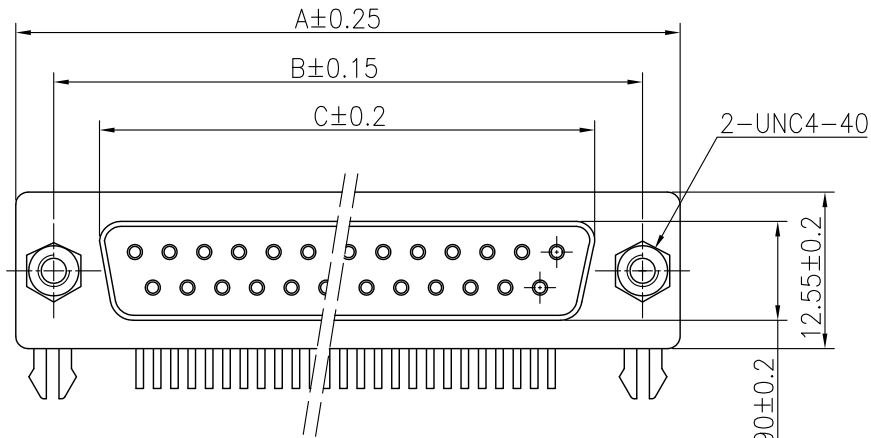
3. PART NUMBER DESCRIPTION:

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	title	www.fciconnect.com		
A	T09-1033	J.H	3/12/09		.XX ± 0.25		D-SUB FEMALE RIGHT-ANGLE US STYLE			
B	T09-1044	J.H	4/2/09	angles	.XXX ± 0.10					
C	ELX-I-13433	AB	9/11/12		0' ± 2'		product family D-SUB	code		
				dr	JASON HSU 3/12/09			size	dwg no	TWN
				enr	JASON HSU 3/12/09	scale		10090099	sheet	
				chr	ALIAS BABU 9/11/12	1:1	A4		1 of 2	
				appd	MITHUN PAUL 9/11/12					
sheet index	revision sheet	C	C							
		1	2							



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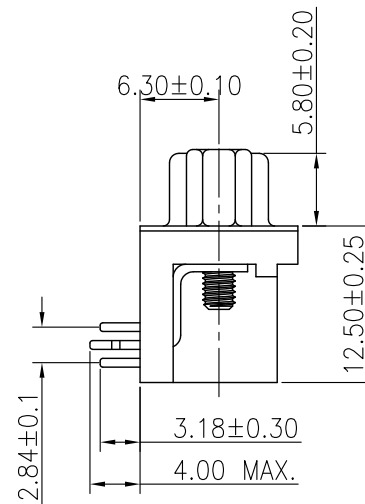
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2.MATERIAL:

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 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

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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	
				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								