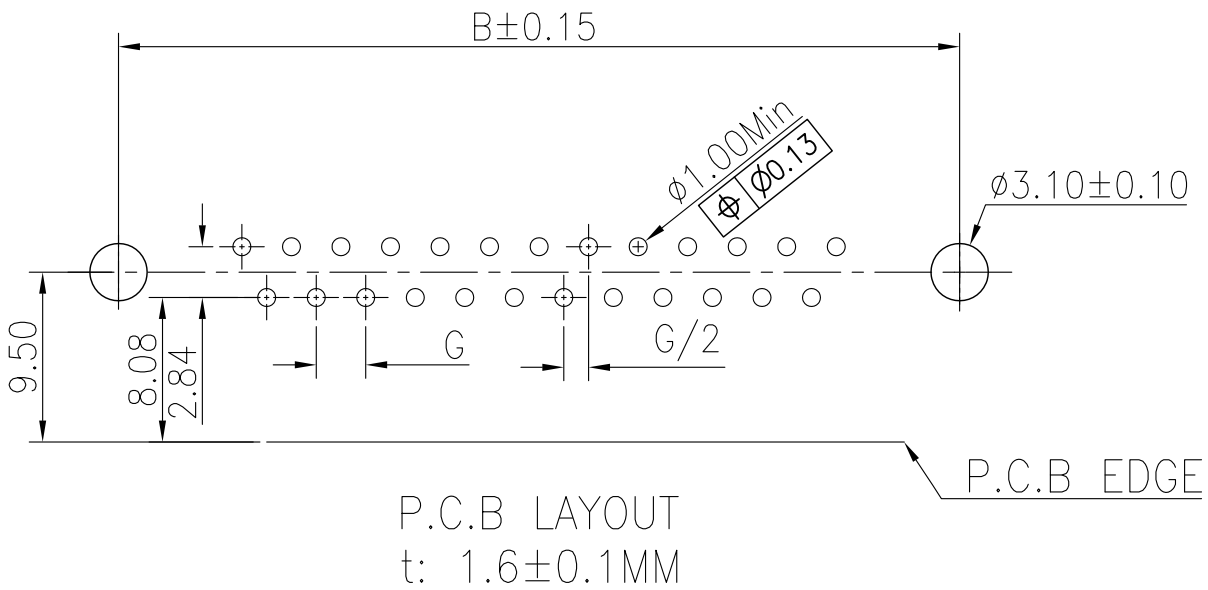
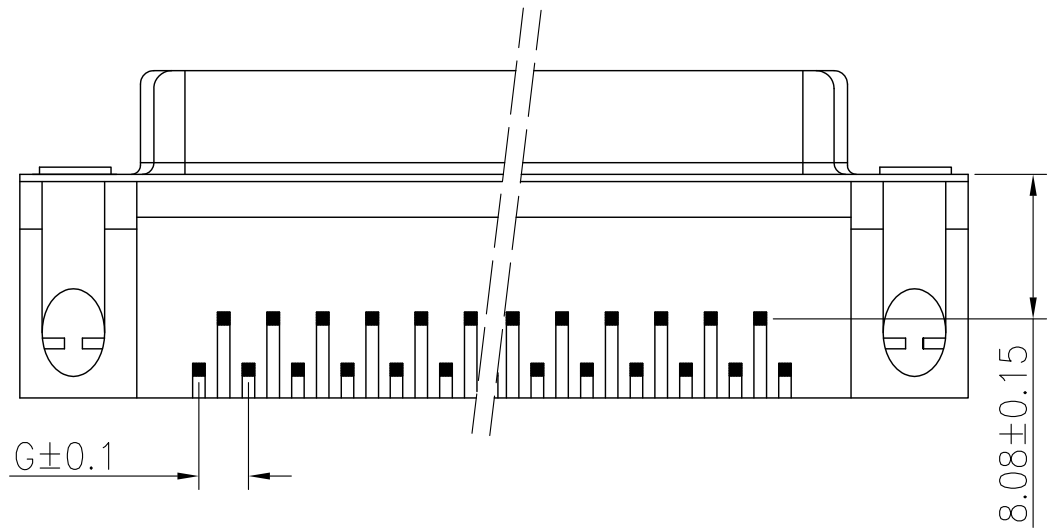
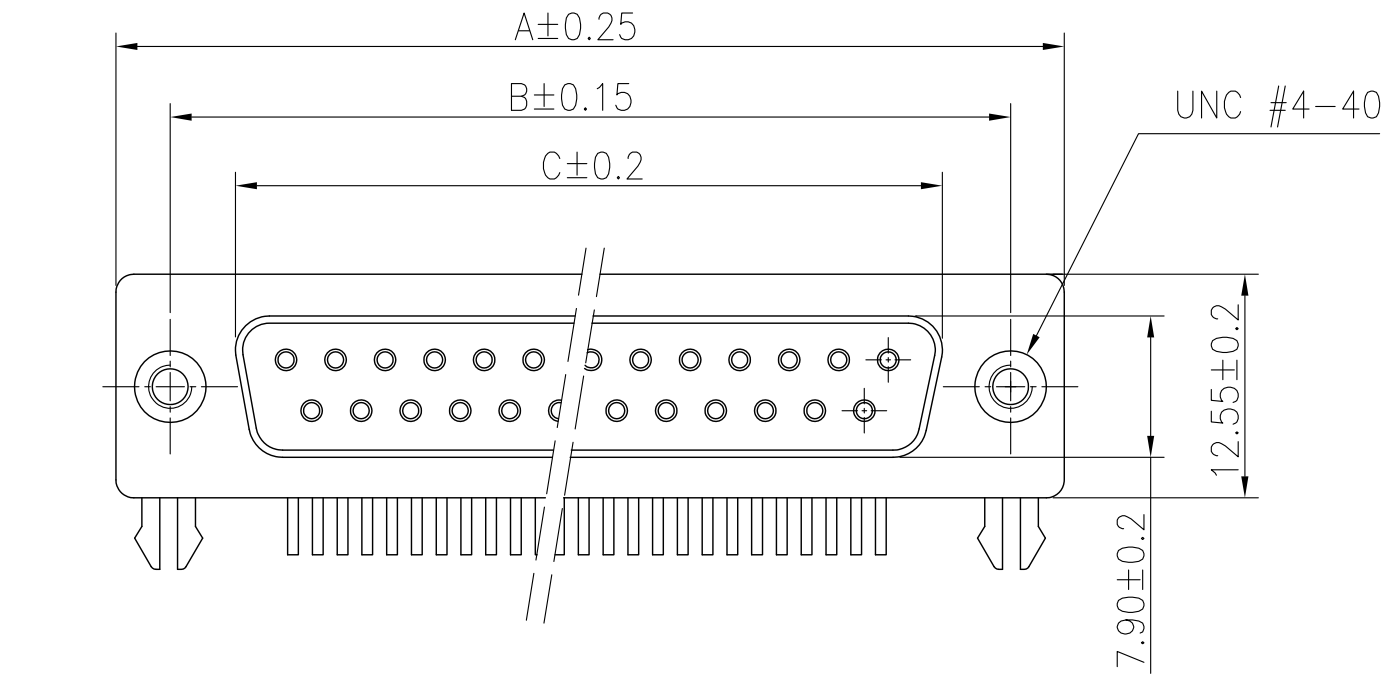


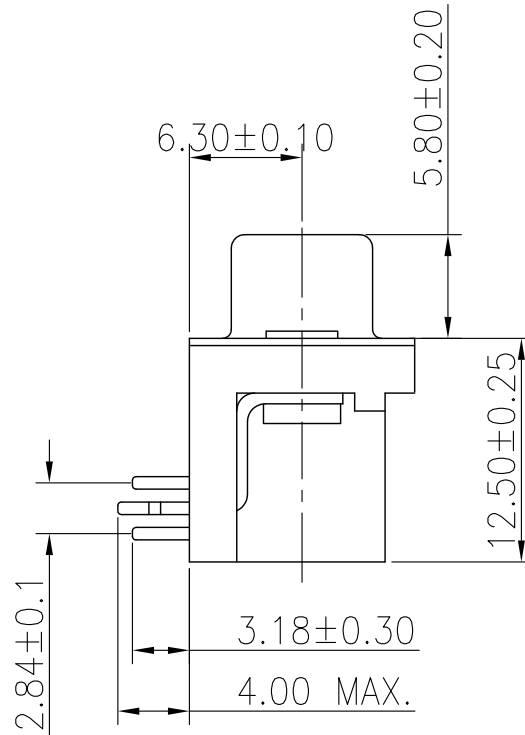


REMARK:
1.CHARACTERISTICS:
RATED VOLTAGE: 250V
RATED CURRENT: 5AMP
CONTACT RESISTANCE: 25mohms MAX.INITIAL;40mohmsMAX.AFTER.
INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
DIELECTRIC STRENGTH: 1000VRMS
OPERATING TEMPERATURE RANGE: -55℃~105℃
INSERTION/EXTRACTION FORCE PER CONTACT :5N Max./0.3N Min.
MATING/UNMATING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

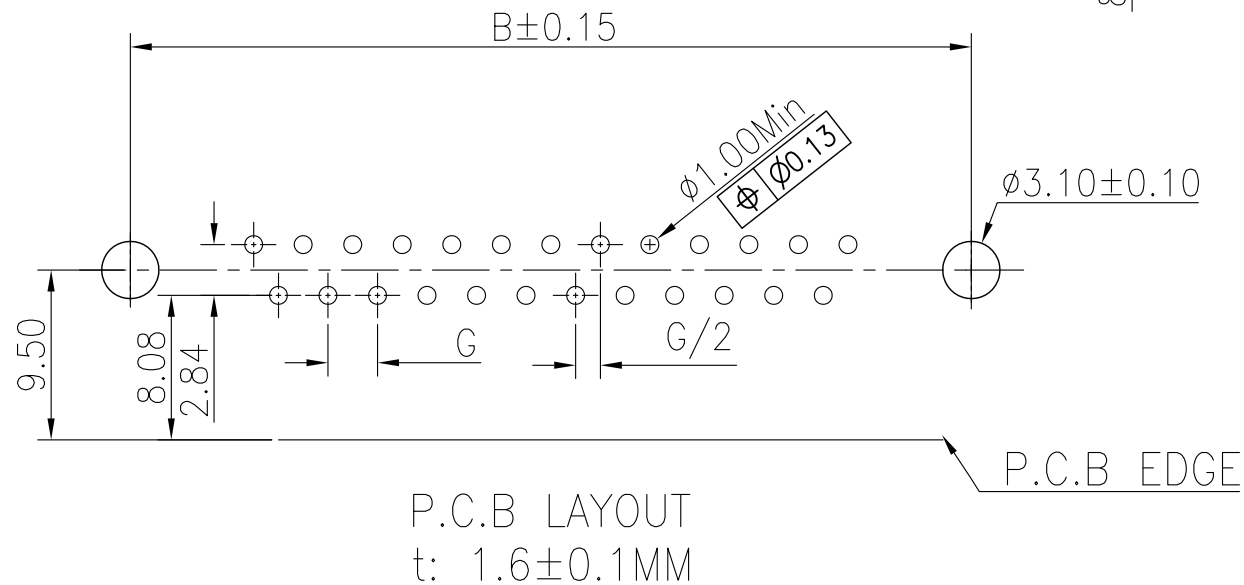
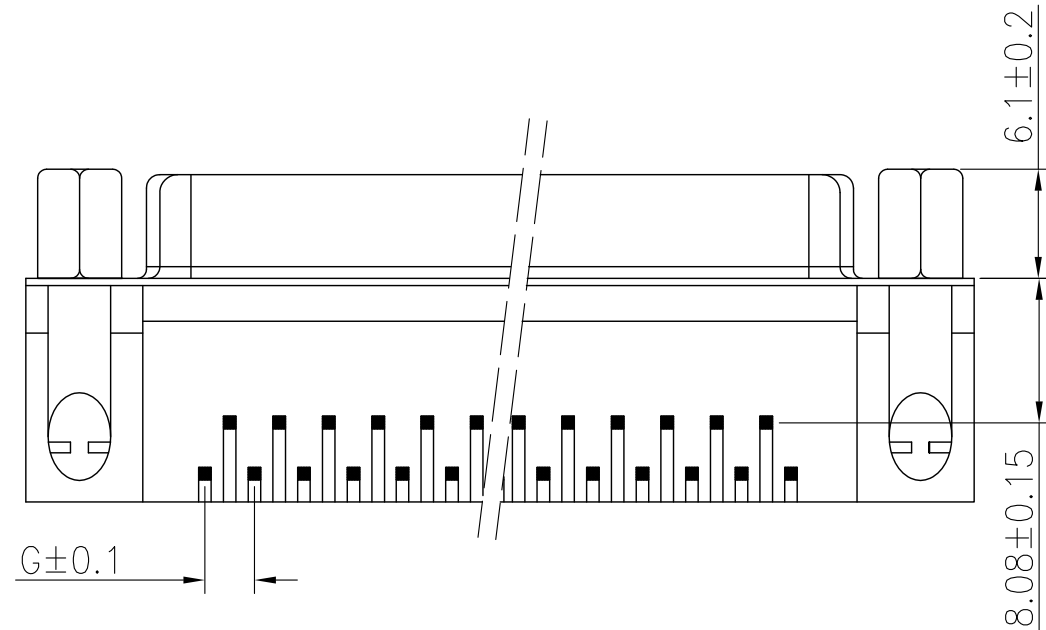
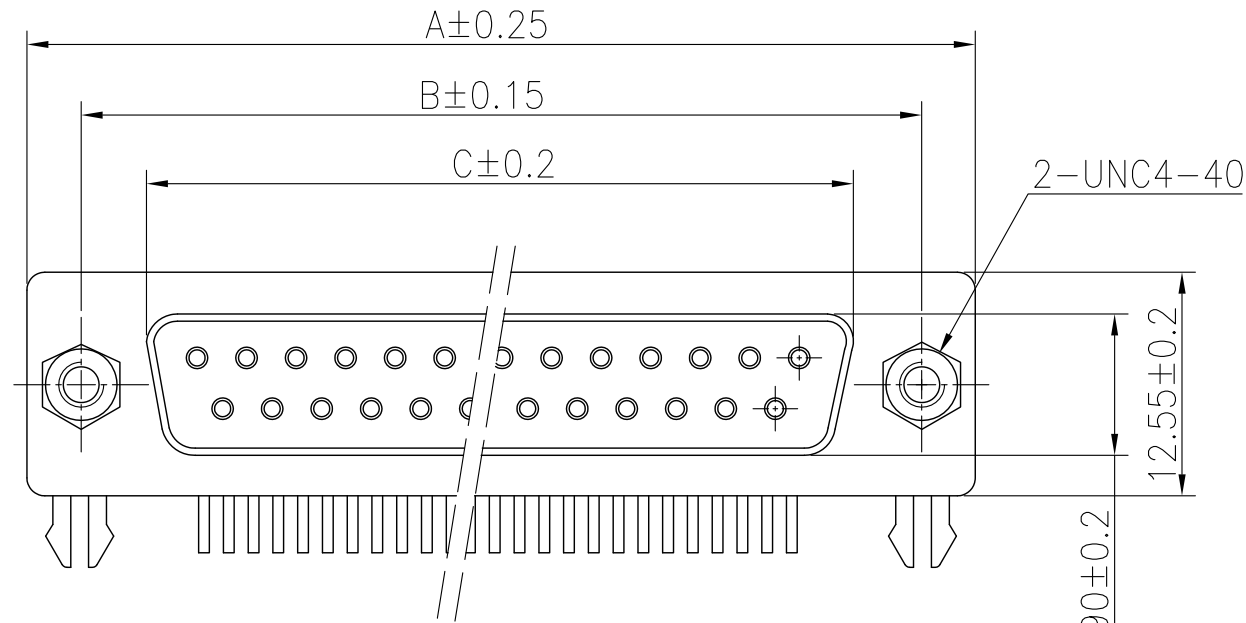
10090099-S XX 4 X LF

SERIES NO. _____ LF: ROHS COMPLIANT
TYPE _____ FLANGE MOUNTING OPTION
S: SOCKET (FEMALE) X: UNC #4-40 CLINCHNUTS
NUMBER OF CONTACTS _____ CONTACT FINISH
09: 9-PIN 4: GOLD FLASH
15: 15-PIN
25: 25-PIN
37: 37-PIN



POS.	PART NO.		THREAD TYPE	
09P	10090099-S094XLF		UNC 4-40	
15P	10090099-S154XLF		UNC 4-40	
25P	10090099-S254XLF		UNC 4-40	
37P	10090099-S374XLF		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

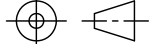
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com							
ltr	ecn no	dr	date	linear	.X ± 0.38	projection		title D-SUB FEMALE RIGHT-ANGLE US STYLE							
A	T09-1033	J.H	3/12/09		.XX ± 0.25										
B	T09-1044	J.H	4/2/09	angles	.XXX ± 0.10	MM		product family D-SUB code TWN							
C	ELX-I-13433	A.B	9/11/12		0° ±2°										
D	ELX-I-15500	A.B	2013/08/21	dr	JASON HSU 3/12/09	scale 1:1	A4	10090099 sheet 1 of 2							
				engr	ALIAS BABU 2013/08/21										
				chr	MITHUN PAUL 2013/08/21										
				appd	BIJU.K.PAUL 2013/08/21										
sheet index	revision sheet	D 1	D 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℃~105℃
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:

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

POS.	PART NO.	A	B	C	G
09P	10090099-S094VLF	30.81	24.99	16.33	2.74
15P	10090099-S154VLF	39.24	33.32	24.66	2.74
25P	10090099-S254VLF	53.04	47.04	38.38	2.77
37P	10090099-S374VLF	69.32	63.50	54.84	2.77

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com											
ltr	ecn no	dr	date	linear	.X ± 0.38				projection 	title D-SUB FEMALE RIGHT-ANGLE US STYLE											
D					.XX ± 0.25																
					.XXX ± 0.10																
				angles	0° ±2°				MM ← —→ scale 1:1	product family D-SUB size dwg no A4 10090099										code TWN	
				dr	JASON HSU	3/12/09															
				engr	ALIAS BABU	2013/08/21															
				chr	MITHUN PAUL	2013/08/21		sheet 2 of 2													
				appd	BIJU.K.PAUL	2013/08/21															
sheet index		revision sheet																			

cage code 22526