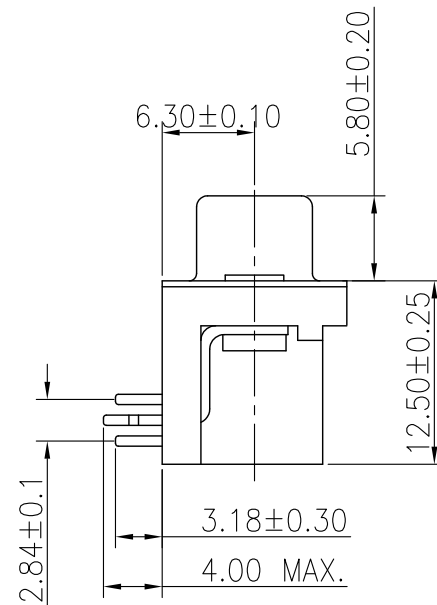
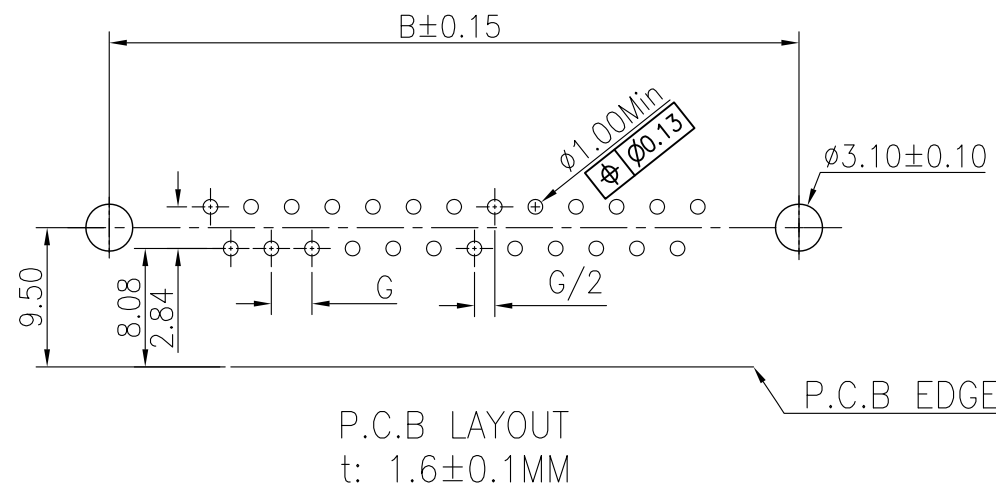
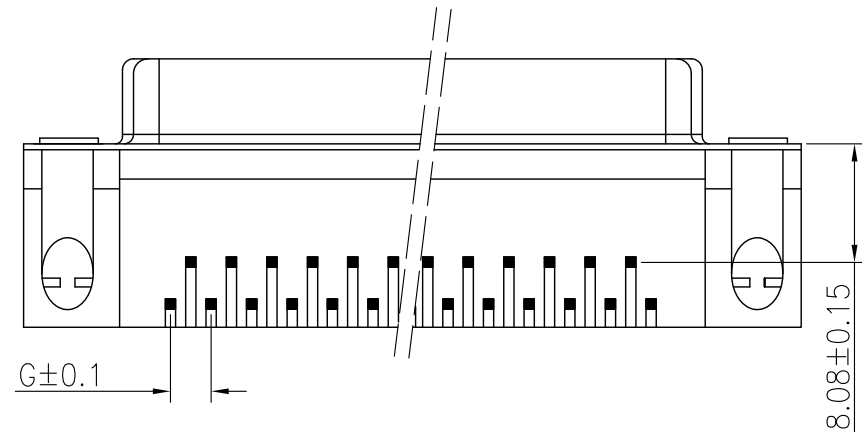
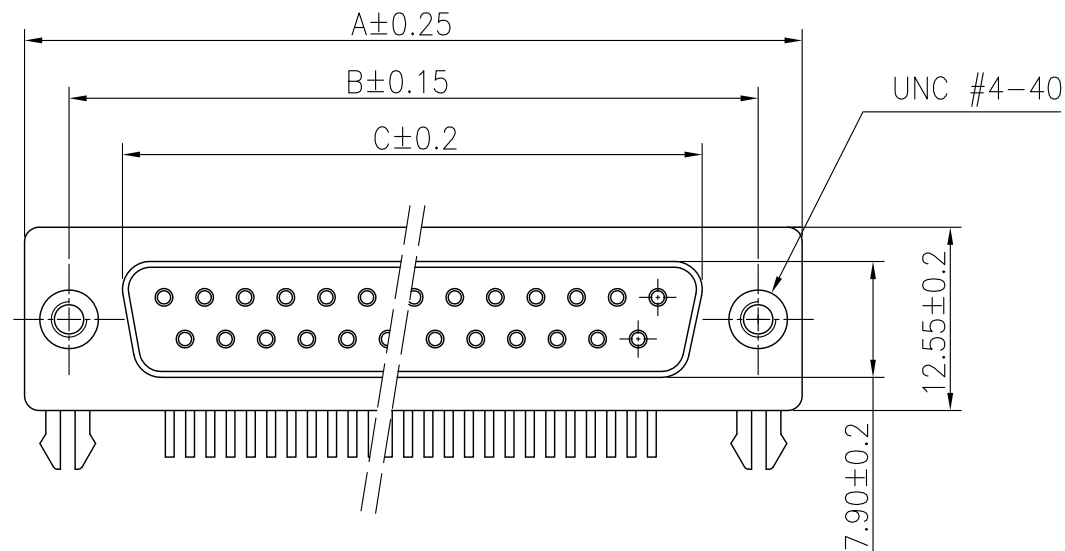




FCIconnect.com

Copyright FCI

form: A3



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: BLACK GLASS-FILLED THERMOPLASTIC UL94V-0
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

4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION
WITH 1.6MM MIN. THICK PCB.

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				surface		tolerance		projection		product family									
—				ISO 1302 ✓		ISO 406 ISO 101				D—SUB									
ltr	ecn no	dr	date	tolerances unless otherwise specified						title									
F	ELX-I-17662-1	MP	2014/05/12	angles	linear	.0±0.38			D—SUB FEMALE RIGHT ANGLE US STYLE										
						.00±0.25													
				0°±2°		.000±0.10													
						scale 1:1													
				dr	MITHUN PAUL	2014/05/12													
				engr	MITHUN PAUL	2014/05/12													
				chr	MITHUN PAUL	2014/05/12													
				app	BIJU K PAUL	2014/05/12		dwg no		sheet 1 of 2				size					
								10090099						A3					
								type		Product Customer Drawing									
sheet index		revision sheet		F	F														
				1	2														

PDS: Rev :F

STATUS:Released

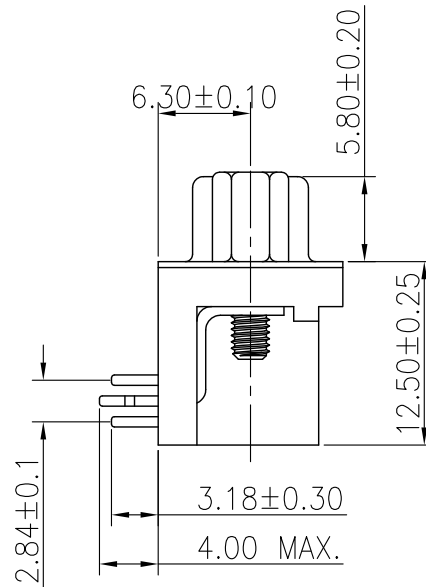
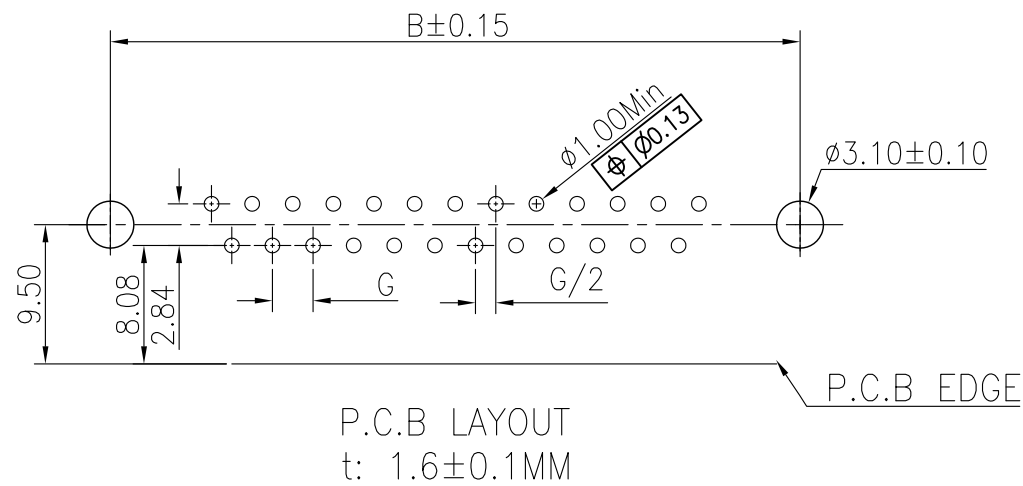
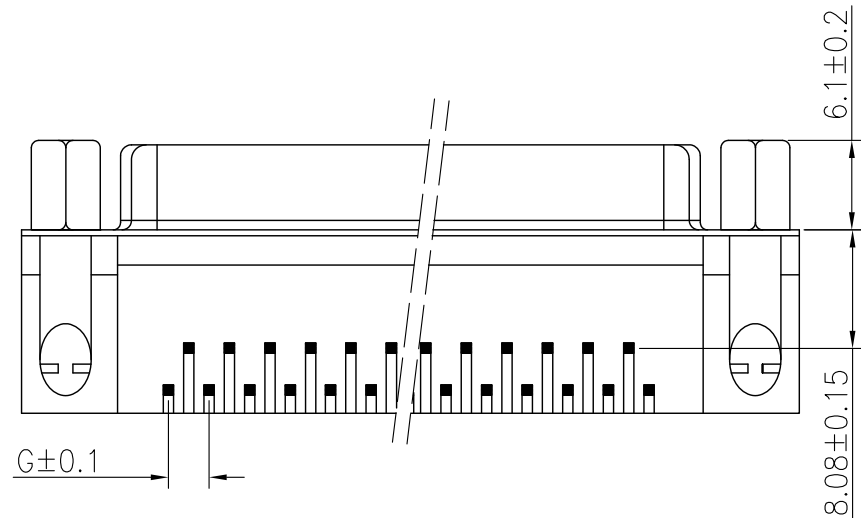
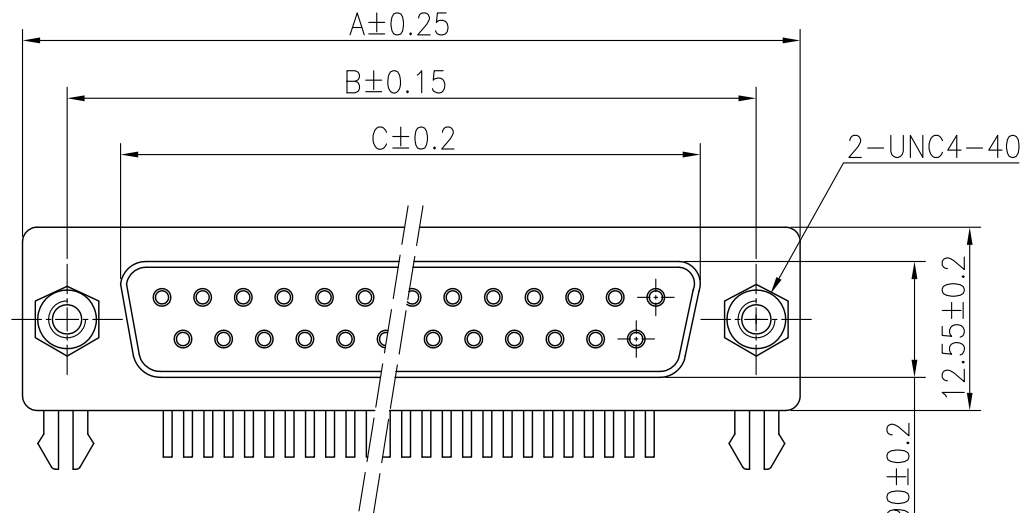
Printed: May 13, 2014



FCIconnect.com

Copyright FCI

form: A3



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: BLACK GLASS-FILLED THERMOPLASTIC UL94V-0,
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 4 V LF
SERIES NO. XX 4 V LF: ROHS COMPLIANT
TYPE S: SOCKET (FEMALE) FLANGE MOUNTING OPTION
V: UNC #4-40 SCREWLOCKS
NUMBER OF CONTACTS CONTACT FINISH
09: 9-PIN
15: 15-PIN
25: 25-PIN
37: 37-PIN
4: FLASH GOLD

4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION
WITH 1.6MM MIN. THICK PCB.

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				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406	ISO 101	D-SUB			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
F				angles	linear	MM	D-SUB FEMALE RIGHT ANGLE			
				0°±2°		scale 1:1	US STYLE			
				dr	MITHUN PAUL	2014/05/12	dwg no		sheet 2 of 2	size
				engr	MITHUN PAUL	2014/05/12	10090099			A3
				chr	MITHUN PAUL	2014/05/12	type Product Customer Drawing			
				appd	BIJU K PAUL	2014/05/12				
sheet index	revision sheet									

PDS: Rev :F

STATUS:Released

Printed: May 13, 2014