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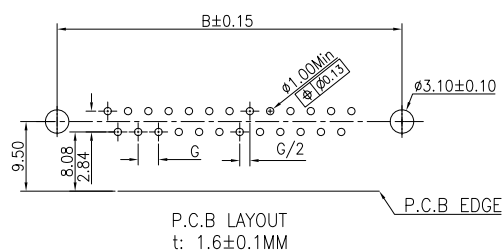
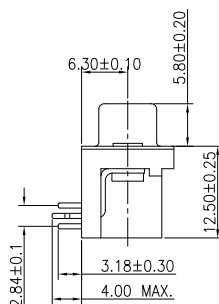
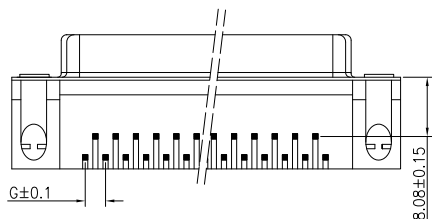
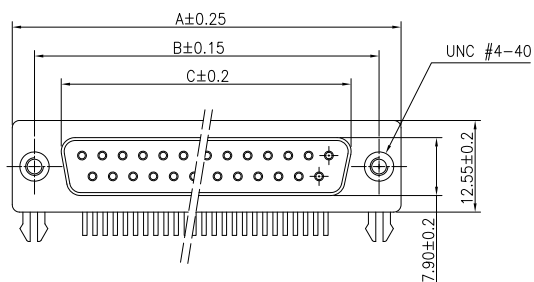
[FCI](#)

[10090099-S094VLF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



REMARK:

1.CHARACTERISTICS:

RATED VOLTAGE: 250V

RATED CURRENT: 5AMP

CONTACT RESISTANCE: 25mahms MAX.INITIAL,40mahmsMAX.AFTER.

INSULATION RESISTANCE: 500Mohms MinAt 500V DC

DIELECTRIC STRENGTH:1000V/5MM

OPERATING TEMPERATURE RANGE: -55to+105C

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 IN CONTACT AREA,
100µm Min NICKEL TIN TOP OVER SOLDER AREA,
30µm Min COPPER UNDER PLATE.

SHELL: STEEL,100µm Min NICKEL TOP OVER,
50µm Min COPPER UNDER PLATE.

BOARD LOCK :COPPER ALLOY,100µm Min NICKEL TIN PLATED.

3. PART NUMBER DESCRIPTION:

10090099-S XX 4 X LF

SERIES NO. —

TYPE _____

NUMBER OF CONTACTS

09: 9-PIN
15: 15-PIN

25: 25-PIN

37: 37-PIN

LF: ROHS COMPLIANT

FLANGE MOUNTING OPTION

X: UNC #4-40 CLINCHNUTS

CONTACT FINISH

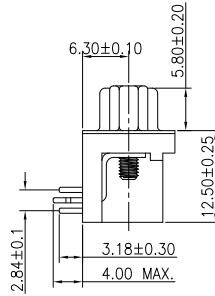
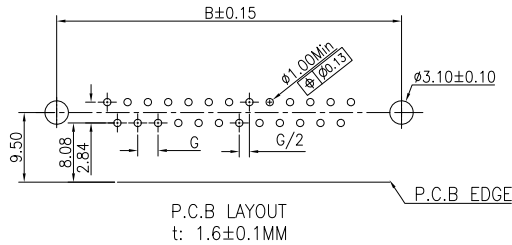
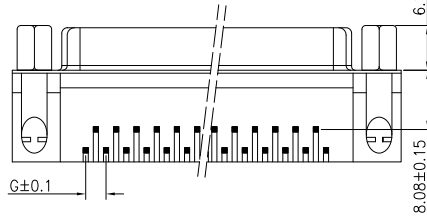
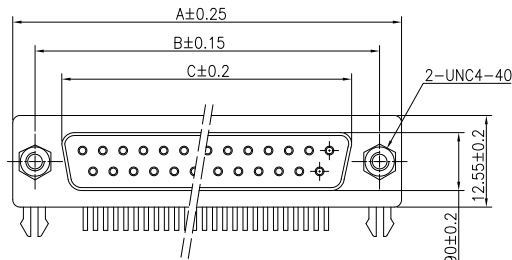
4: GOLD FLASH

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 ☒				37F 1 09.32 63.50 34.84 2.77			
				ISO 1302 ISO 406 ISO 100				product family			
lfr ecn no dr date				tolerances unless otherwise specified				D-SUB			
F 01X-17862-1 MP 2014/05/12				angles linear .00+0.38				D-SUB FEMALE RIGHT ANGLE			
				.00+0.25				US STYLE			
				.00+0.10							
				scale 1:1							
				dr MITHUN PAUL 2014/05/12				dwg no sheet 1 of 2 size			
				eng MITHUN PAUL 2014/05/12				10090099 A3			
				chr MITHUN PAUL 2014/05/12				Product Customer Drawing			
				app BJUU K PAUL 2014/05/12							
sheet				revision							
inrev				reboot							
F 1				F 2							

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



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: 50MATING 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 LP
SERIES NO. XX
TYPE S: SOCKET (FEMALE)
NUMBER OF CONTACTS 4
CONTACT FINISH 4: FLASH GOLD
LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
V: UNC #4-40 SCREW LOCKS

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	ISO 1302	tolerance	ISO 406	ISO 101	projection	product family
lfr	ecr	no	dr	date	tolerances	unless otherwise specified	D-SUB
F					angles	.0±0.38	title
					linear	.00±0.25	D-SUB FEMALE RIGHT ANGLE
					dr	.000±0.10	US STYLE
					eng	scale 1:1	dwg no
					chr		10090099
					app		type
sheet	revision						Product Customer Drawing
index	sheet						

PDS: Rev :F

STATUS:Released

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