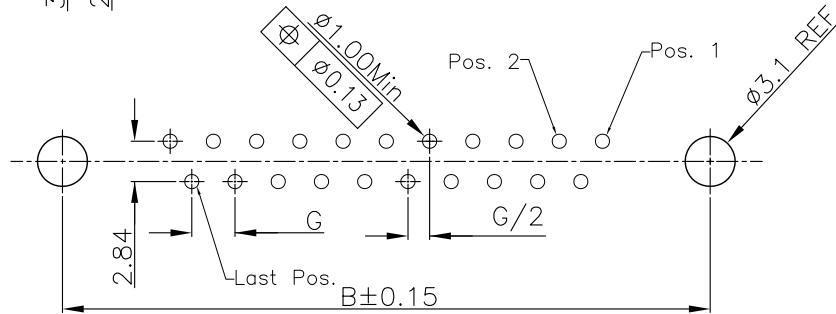
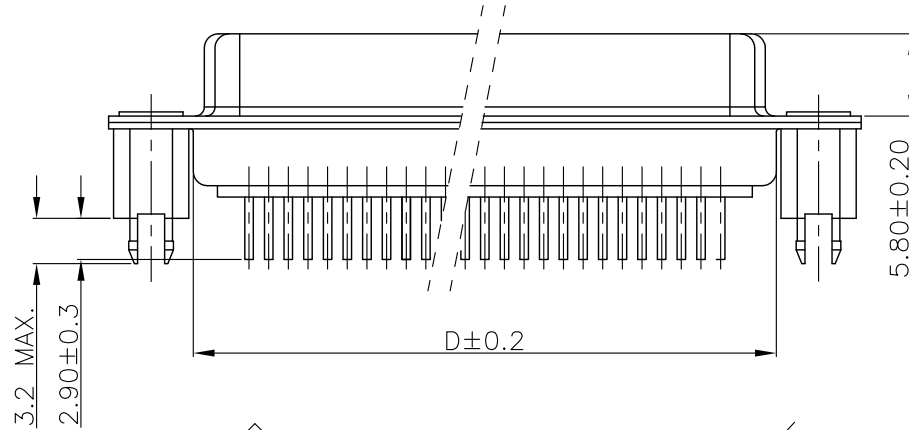
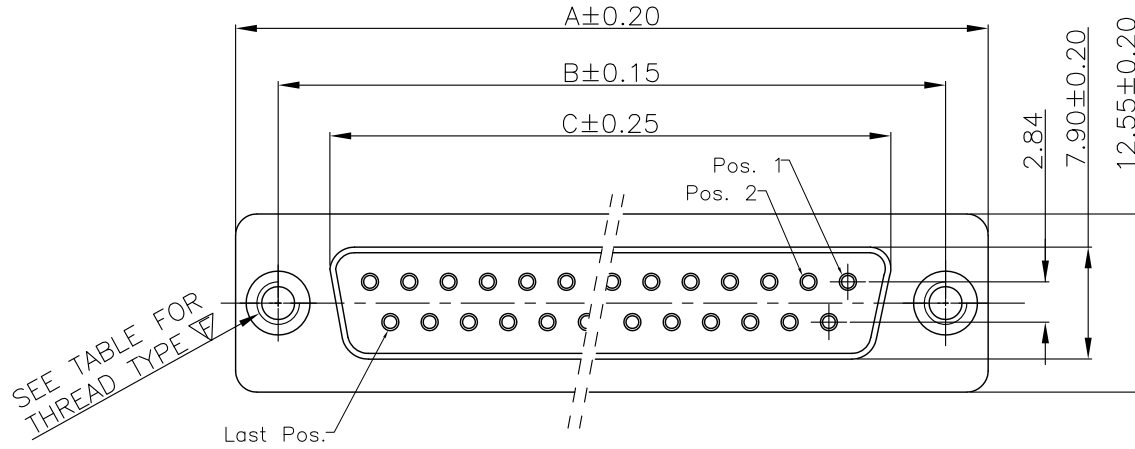




P.C.B LAYOUT
t: 1.6±0.1MM

REMARK:

1. CHARACTERISTICS:

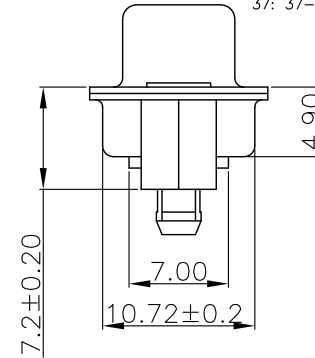
RATED VOLTAGE: 250V
RATED CURRENT: 5AMP
CONTACT RESISTANCE: 25mohms MAX. INITIAL; 40mohms MAX. AFTER.
INSULATION RESISTANCE: 5000Mohms MIN. at 500V DC
DIELECTRIC STRENGTH: 1000VRMS
OPERATING TEMPERATURE RANGE: -55°C ~ 105°C
INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max. / 0.3N Min.
MATING/UNMATING CYCLES: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

2. MATERIAL:

INSULATORS: 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.
CLINCH NUT: COPPER ALLOY, 100u" Min MATTE TIN PLATED.

3. PART NUMBER DESCRIPTION: **10090098-S XX X X LF**

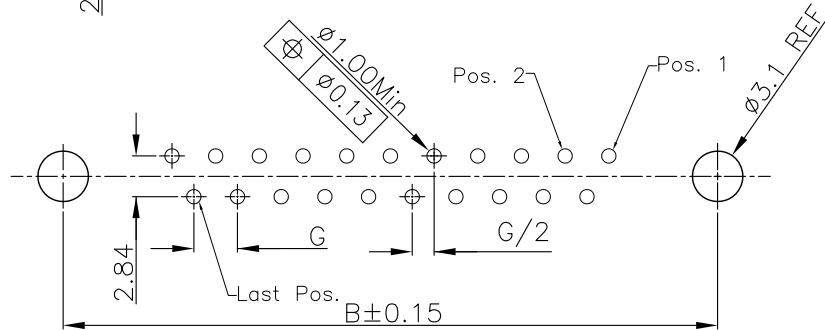
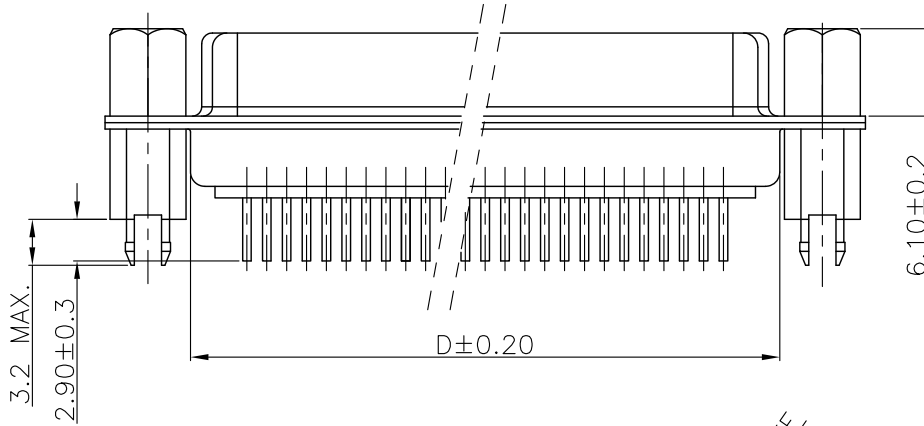
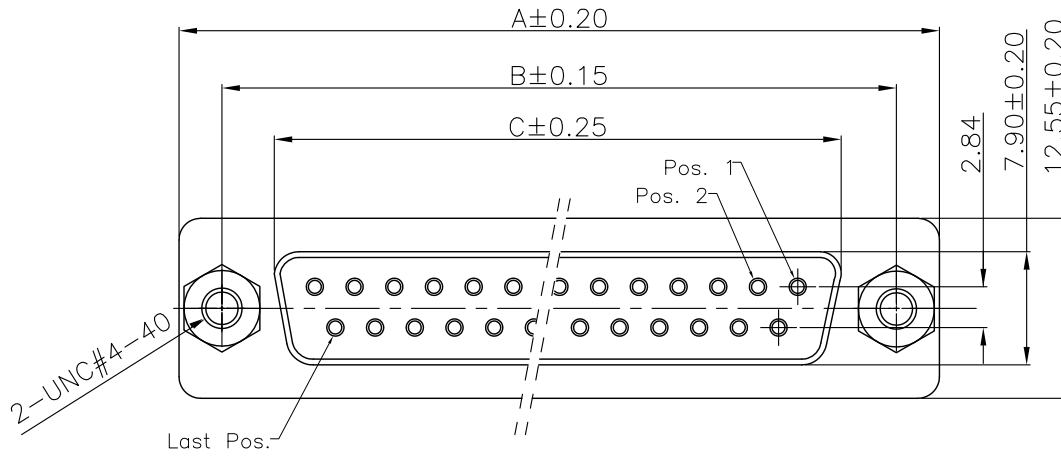
SERIES NO. _____ LF: ROHS COMPLIANT
TYPE _____ FLANGE MOUNTING OPTION
S: SOCKET (FEMALE) X: UNC #4-40 CLINCHNUTS
L: M3 CLINCHNUTS
NUMBER OF CONTACTS _____ CONTACT FINISH
09: 9-PIN 4: GOLD FLASH
15: 15-PIN 6: 30u" PLATING OPTION
25: 25-PIN AVAILABLE ON REQUEST
37: 37-PIN



POS.	PART NO.	THREAD TYPE
9	10090098-S09*LLF	M3X0.5
15	10090098-S15*LLF	M3X0.5
25	10090098-S25*LLF	M3X0.5
37	10090098-S37*LLF	M3X0.5
9	10090098-S09*XLF	UNC 4-40
15	10090098-S15*XLF	UNC 4-40
25	10090098-S25*XLF	UNC 4-40
37	10090098-S37*XLF	UNC 4-40

POS.	A	B	C	D	G
09	30.81	24.99	16.33	19.28	2.74
15	39.24	33.32	24.66	27.75	2.74
25	53.04	47.04	38.38	41.30	2.77
37	69.32	63.50	54.84	57.40	2.77

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P.C.B LAYOUT
t: 1.6±0.1MM

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:

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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.
CLINCH NUT: COPPER ALLOY, 100u" Min MATTE TIN PLATED.
SCREW LOCK: COPPER ALLOY, 100u" Min BRIGHT NICKEL PLATED.

3. PART NUMBER DESCRIPTION: 10090098-S XX X X LF

SERIES NO.

TYPE

S: SOCKET (FEMALE)

NUMBER OF CONTACTS

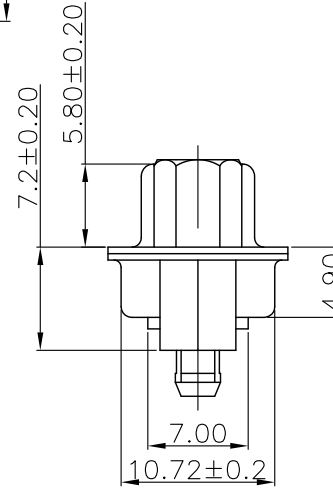
09: 9-PIN
15: 15-PIN
25: 25-PIN
37: 37-PIN

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	D	G
09	10090098-S09*VLF	30.81	24.99	16.33	19.28	2.74
15	10090098-S15*VLF	39.24	33.32	24.66	27.75	2.74
25	10090098-S25*VLF	53.04	47.04	38.38	41.30	2.77
37	10090098-S37*VLF	69.32	63.50	54.84	57.40	2.77

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear		projection		www.fciconnect.com	
c					.X ± 0.38			title	
					.XX ± 0.25			D-SUB FEMALE STRAIGHT	
					.XXX ± 0.10				
				angles	0° ±2°				
				dr	JASON HSU 3/12/09			product family D-SUB	
				enr	JASON HSU 3/12/09			code TWN	
				chr	MITHUN PAUL 07/25/13			size dwg no	
				appd	BIJU K PAUL 07/25/13			A4 10090098	
						scale 1:1		sheet 2 of 2	
sheet index	revision sheet								