

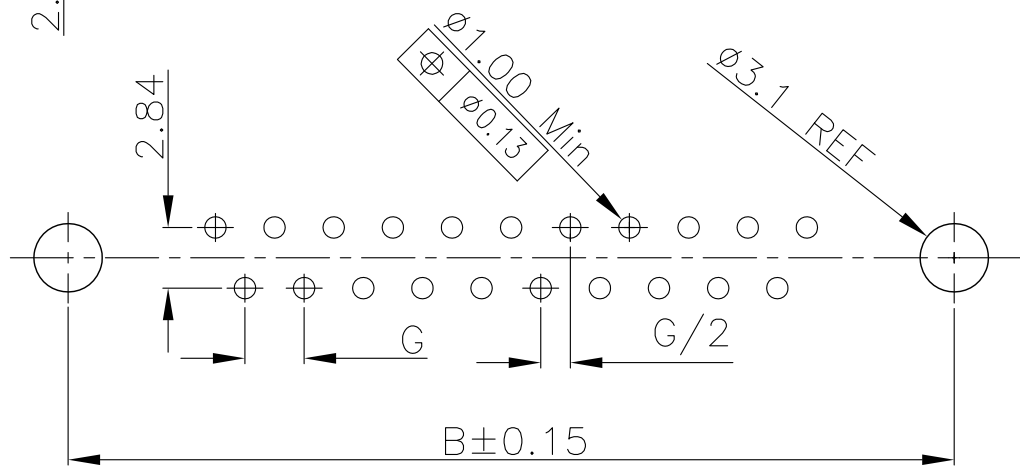
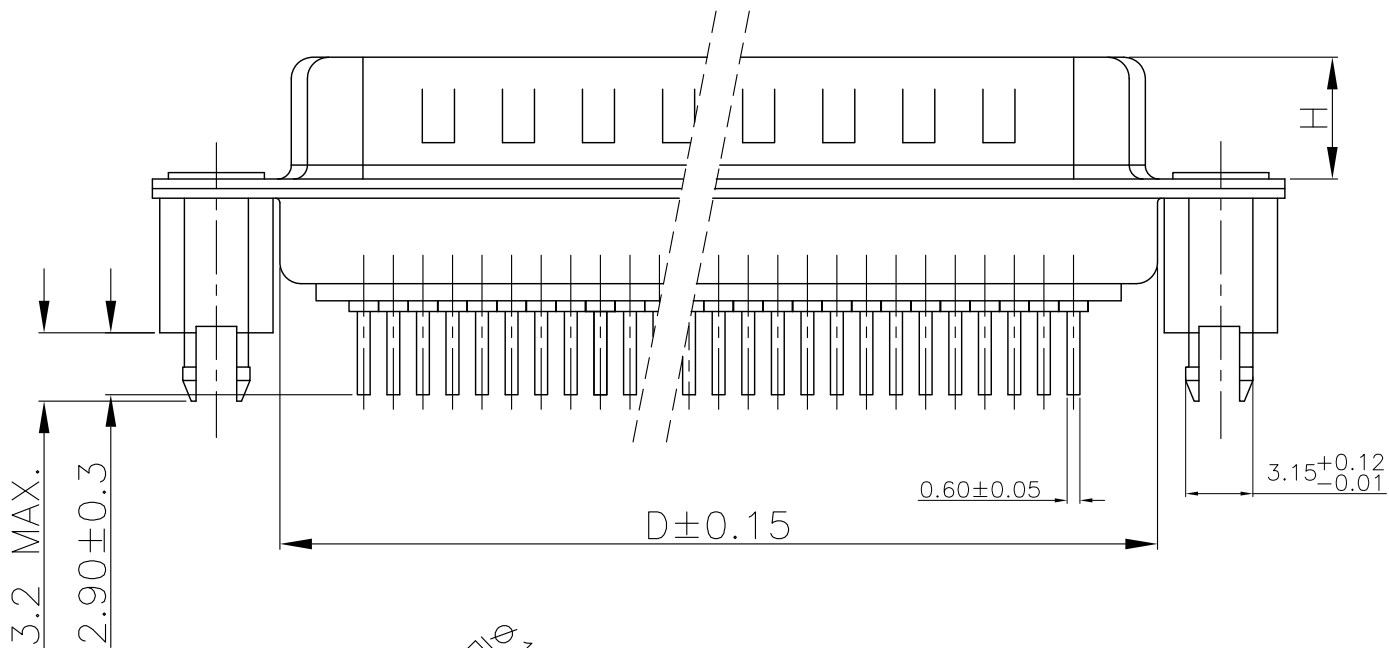
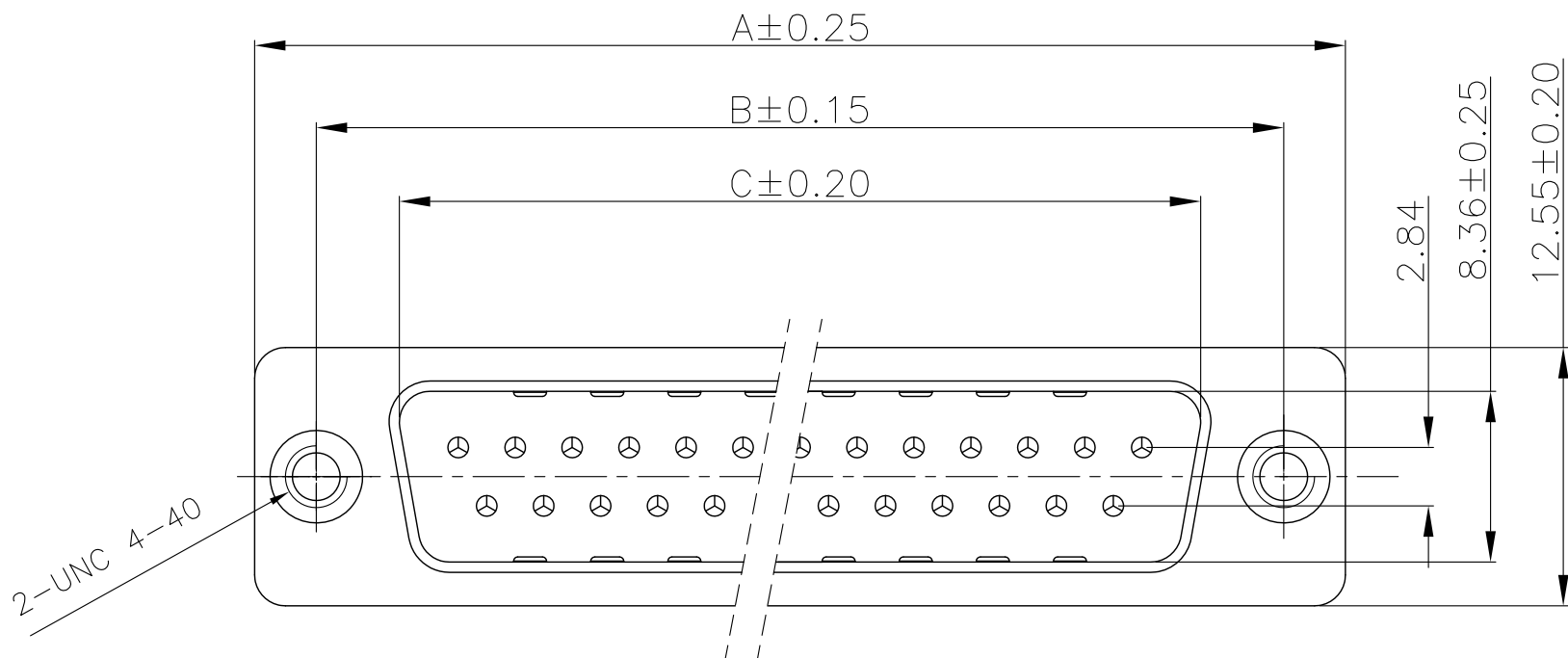
A

B

1 | 2

3

4



P.C.B LAYOUT
t: 1.6±0.1mm

1 | 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.
CLINCH NUT :COPPER ALLOY ,100u" Min MATTE TIN PLATED.

3. PART NUMBER DESCRIPTION: 10090096-P XX 4 X LF

SERIES NO.

TYPE

P: PIN (MALE)

NUMBER OF CONTACTS

09: 9-PIN

15: 15-PIN

25: 25-PIN

37: 37-PIN

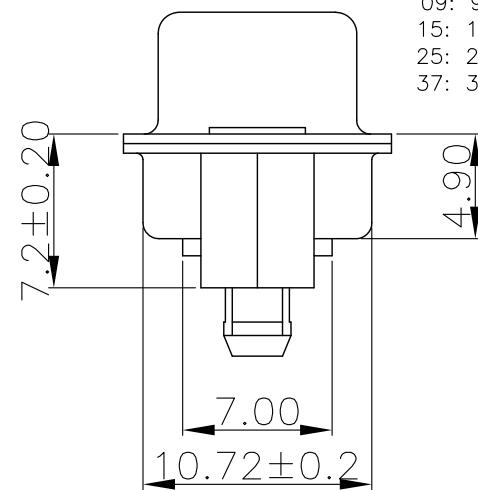
LF: ROHS COMPLIANT

FLANGE MOUNTING OPTION

X: UNC #4-40 CLINCHNUTS

CONTACT FINISH

4: GOLD FLASH



POS.	PART NO.	THREAD TYPE
9	10090096-P094XLF	UNC #4-40
15	10090096-P154XLF	UNC #4-40
25	10090096-P254XLF	UNC #4-40
37	10090096-P374XLF	UNC #4-40

POS.	A	B	C	D	G	H
9	30.81	24.99	16.92	19.28	2.74	5.90 ^{+0.15} ₀
15	39.24	33.32	25.25	27.65	2.74	5.90 ^{+0.15} ₀
25	53.04	47.04	38.96	41.10	2.77	5.70 ^{+0.25} ₀
37	69.32	63.50	55.42	57.44	2.77	5.70 ^{+0.25} ₀

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 MALE STRAIGHT										
A	T09-1033	J.H	3/12/09		.XX ± 0.25																
B	T09-1044	J.H	4/2/09		.XXX ± 0.10																
C	ELX-H-011675	P.K	18/05/12	angles	0° ±2°					MM	product family D-SUB								code		
D	ELX-I-15500	A.B	2013/08/21	dr	JASON HSU		3/12/09				scale 1:1	size		dwg no						TWN	
				engr	ALIAS BABU		2013/08/21					A4		10090096						sheet 1 of 2	
				chr	MITHUN PAUL		2013/08/21														
				appd	BIJU.K.PAUL		2013/08/21														
sheet index		revision		D	D																
		sheet		1	2																

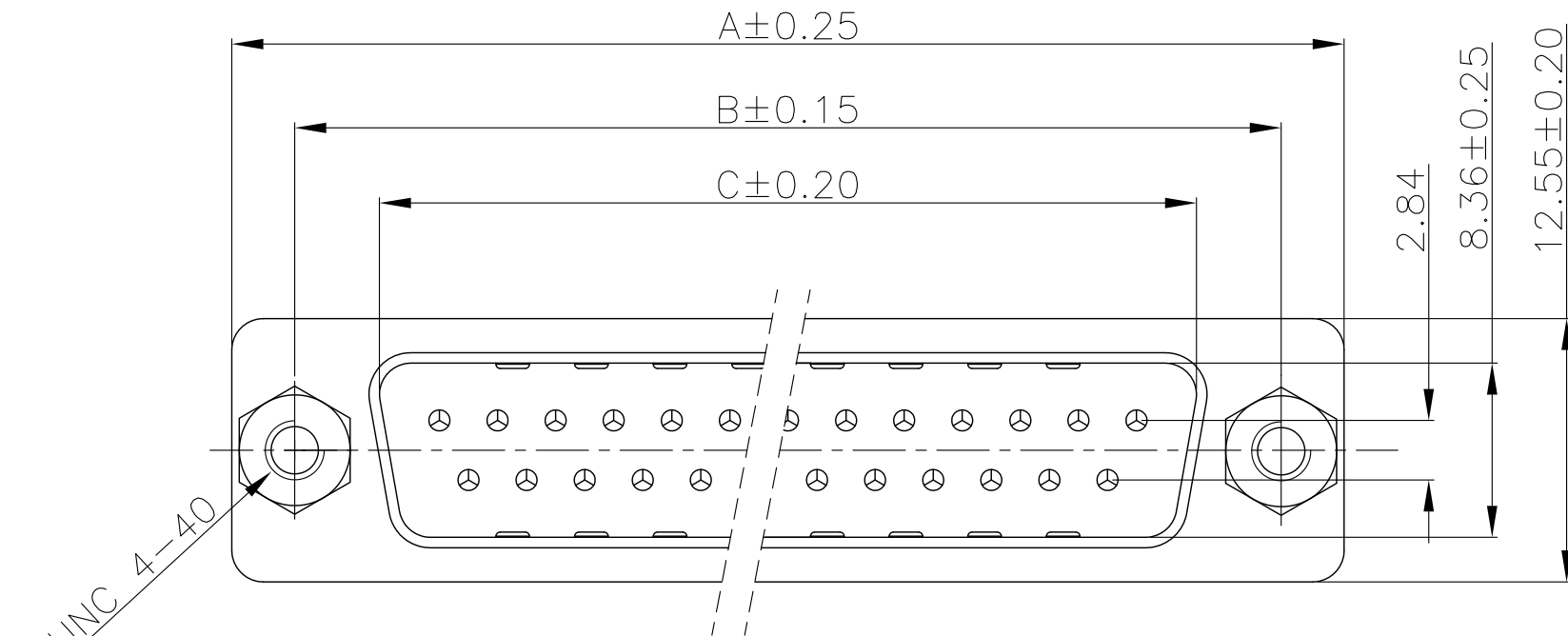
B



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RATED CURRENT: 5AMP
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INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
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OPERATING TEMPERATURE RANGE: -55℃~105℃
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MATING/UNMATING CYCLES :50MATINGS MIN.

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

3. PART NUMBER DESCRIPTION:

10090096-P XX 4 V LF

SERIES NO.

TYPE

P: PIN (MALE)

NUMBER OF CONTACTS

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

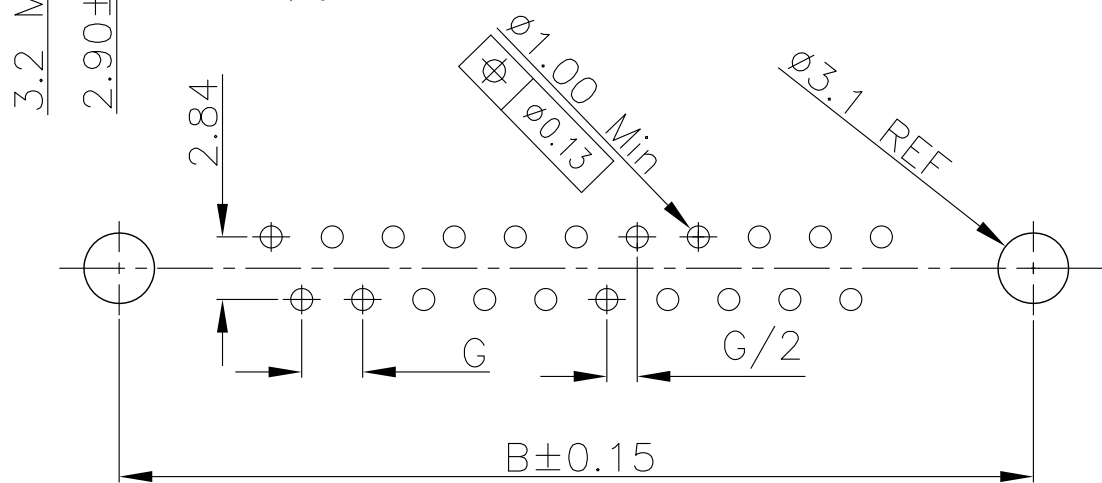
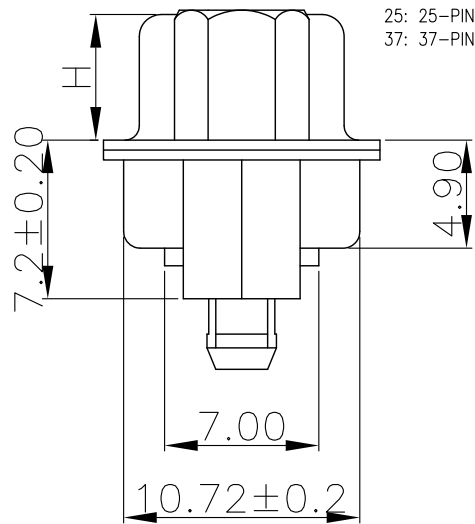
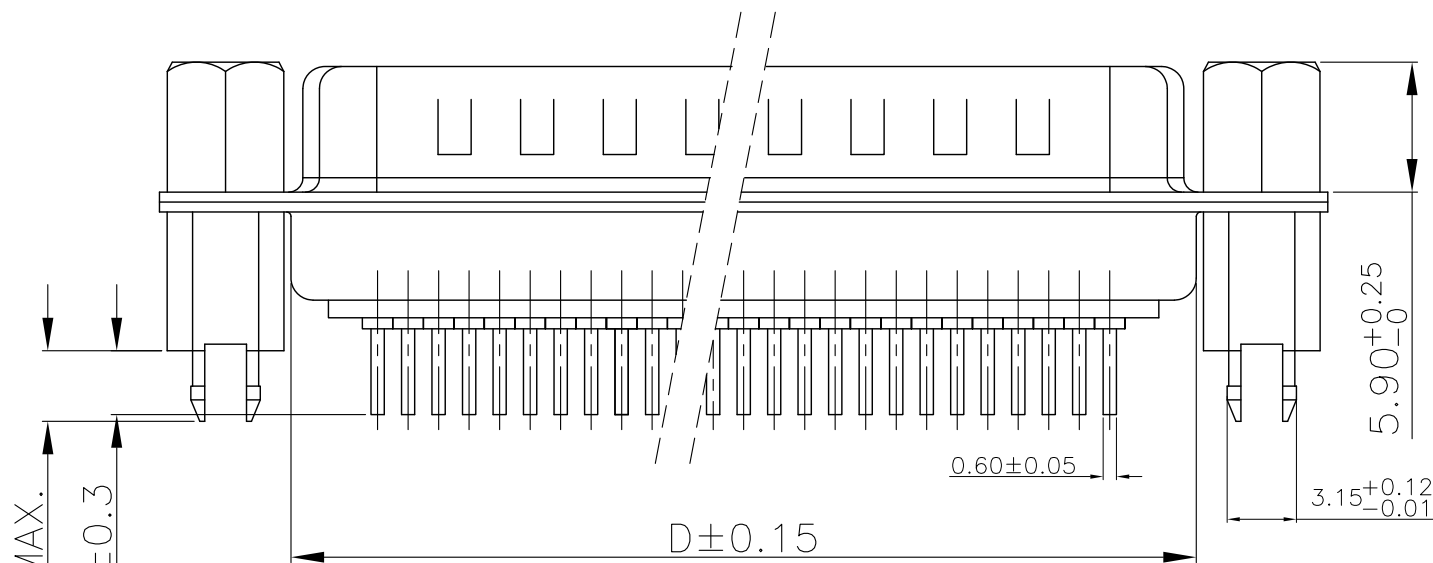
LF: ROHS COMPLIANT

FLANGE MOUNTING OPTION

V: UNC #4-40 SCREWLOCKS

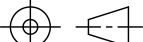
CONTACT FINISH

4: FLASH GOLD



P.C.B LAYOUT
t: 1.6±0.1mm

POS.	PART NO.					H
9	10090096-P094VLF					5.90 ^{+0.15} ₀
15	10090096-P154VLF					5.90 ^{+0.15} ₀
25	10090096-P254VLF					5.70 ^{+0.25} ₀
37	10090096-P374VLF					5.70 ^{+0.25} ₀
POS.	A	B	C	D	G	
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15	39.24	33.32	25.25	27.65	2.74	
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37	69.32	63.50	55.42	57.44	2.77	

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ltr	ecn no	dr	date	linear	.X ± 0.38				projection 	title D-SUB MALE STRAIGHT												
D					.XX ± 0.25																	
					.XXX ± 0.10																	
				angles	0° ±2°				 scale 1:1	product family D-SUB						code						
				dr	JASON HSU	6/30/08		size dwg no						TWN								
				engr	ALIAS BABU	2013/08/21		A410090096						sheet 2 of 2								
				chr	MITHUN PAUL	2013/08/21																
				appd	BIJU.K.PAUL	2013/08/21																
sheet index		revision sheet																				

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