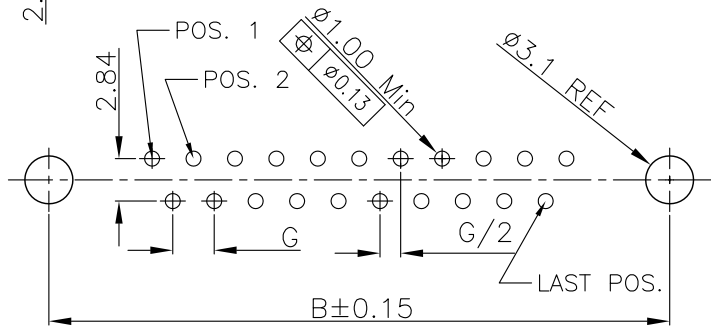
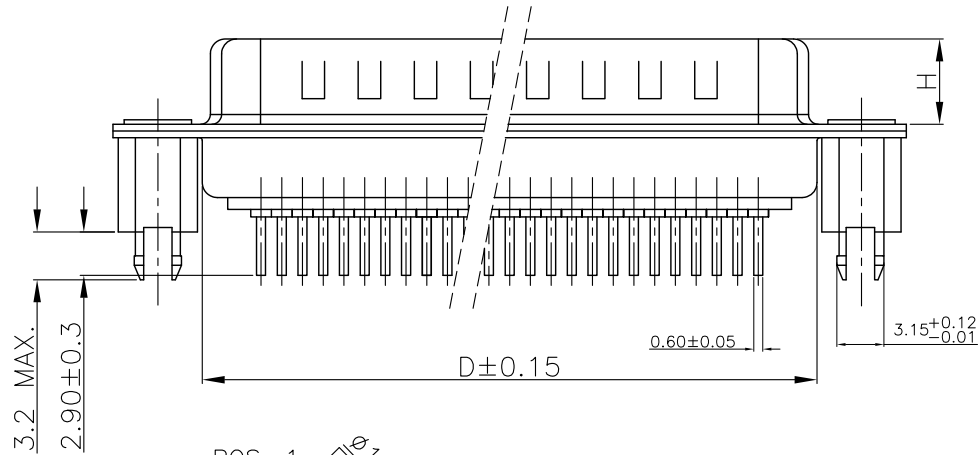
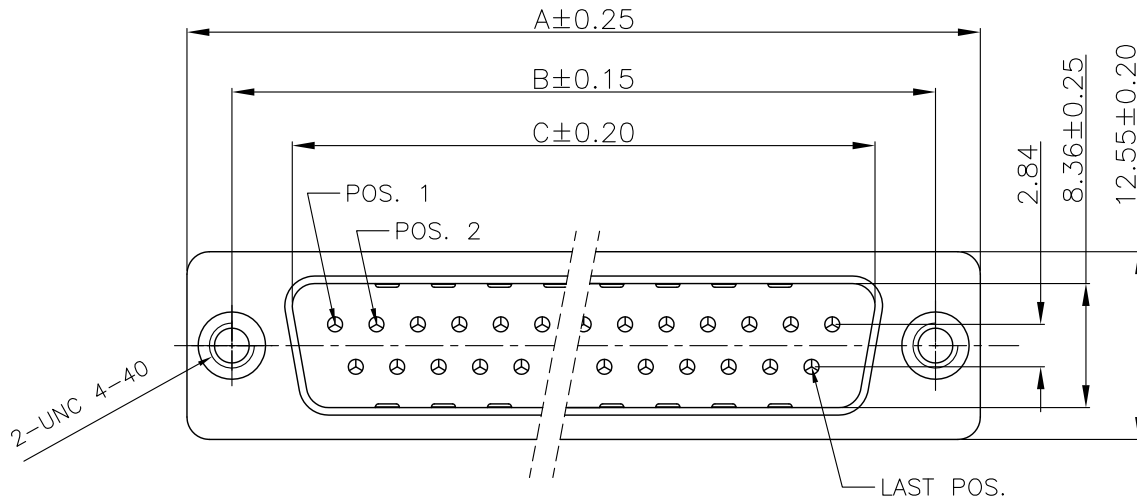




P.C.B LAYOUT
t: 1.6±0.1mm

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:

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

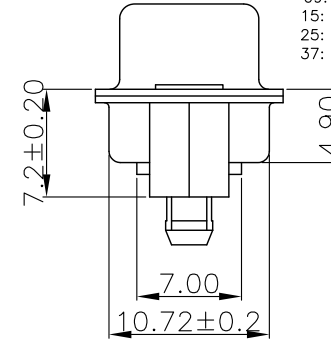
SERIES NO.

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



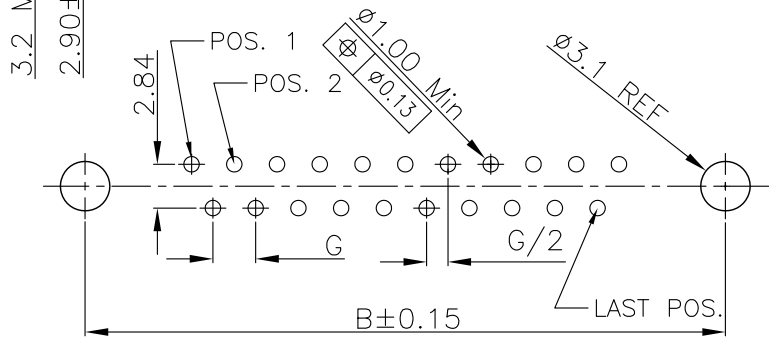
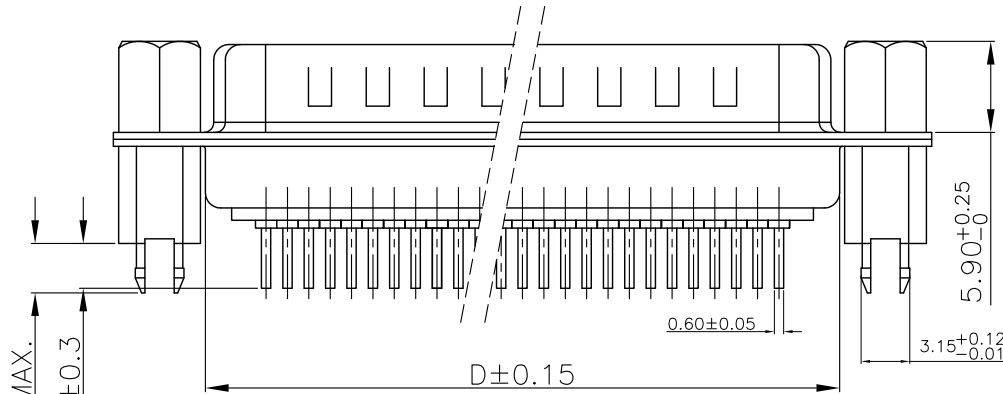
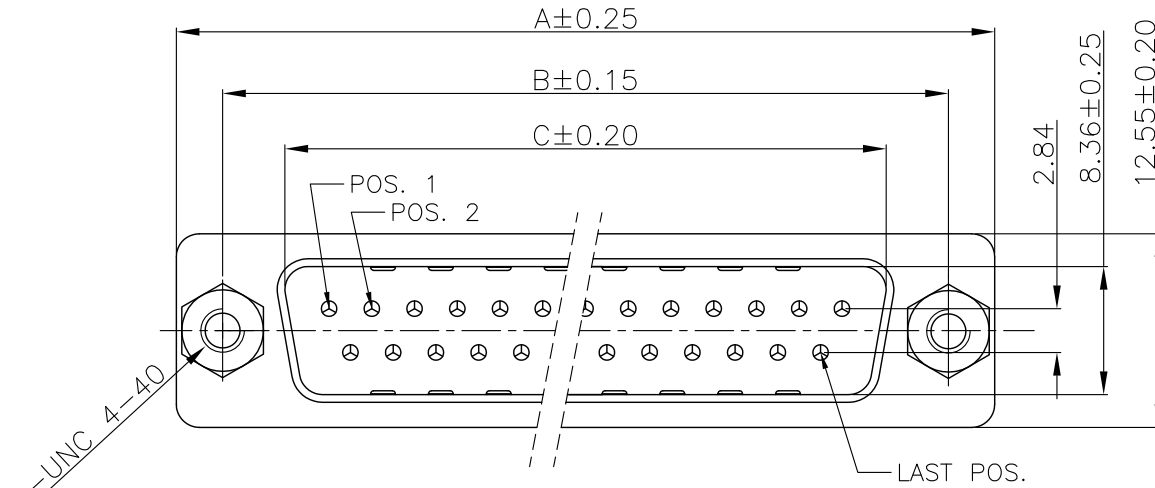
POS.	PART NO.	THREAD TYPE
9	10090096-P094XLF	UNC #4-40
15	10090096-P154XLF	UNC #4-40
25	10090096-P254XLF	UNC #4-40
37	10090096-P374XLF	UNC #4-40

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

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.38	projection	title	www.fciconnect.com	
A	T09-1033	J.H	3/12/09		.XX ± 0.25			D-SUB MALE STRAIGHT	
B	T09-1044	J.H	4/2/09		.XXX ± 0.10			product family D-SUB	
C	ELX-H-011675	P.K	18/05/12		0° ±2°			code TWN	
D	ELX-I-15500	A.B	2013/08/21	dr	JASON HSU 3/12/09	scale	1:1	size dwg no	
E	ELX-I-16775	A.B	2014/01/21	enr	ALIAS BABU 2014/01/21			A4 10090096	
				chr	MITHUN PAUL 2014/01/21			sheet 1 of 2	
				appd	BIJU.K.PAUL 2014/01/21				
sheet index	revision sheet	E	E						
		1	2						

cage code

22526



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℃~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.
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

POS.	PART NO.					H
9	10090096-P094VLF					5.90±0.15
15	10090096-P154VLF					5.90±0.15
25	10090096-P254VLF					5.70±0.25
37	10090096-P374VLF					5.70±0.25
POS.	A	B	C	D	G	
9	30.81	24.99	16.92	19.28	2.74	
15	39.24	33.32	25.25	27.65	2.74	
25	53.04	47.04	38.96	41.10	2.77	
37	69.32	63.50	55.42	57.44	2.77	

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.38	projection	title	www.fciconnect.com	
E					.XX ± 0.25			D-SUB MALE STRAIGHT	
					.XXX ± 0.10				
				angles	0° ±2°				
				dr	JASON HSU 6/30/08	MM	product family D-SUB	code	
				enr	ALIAS BABU 2014/01/21			size dwg no	
				chr	MITHUN PAUL 2014/01/21			sheet	
				appd	BIJU.K.PAUL 2014/01/21	scale 1:1	A4	10090096	
sheet index	revision sheet								

cage code

22526