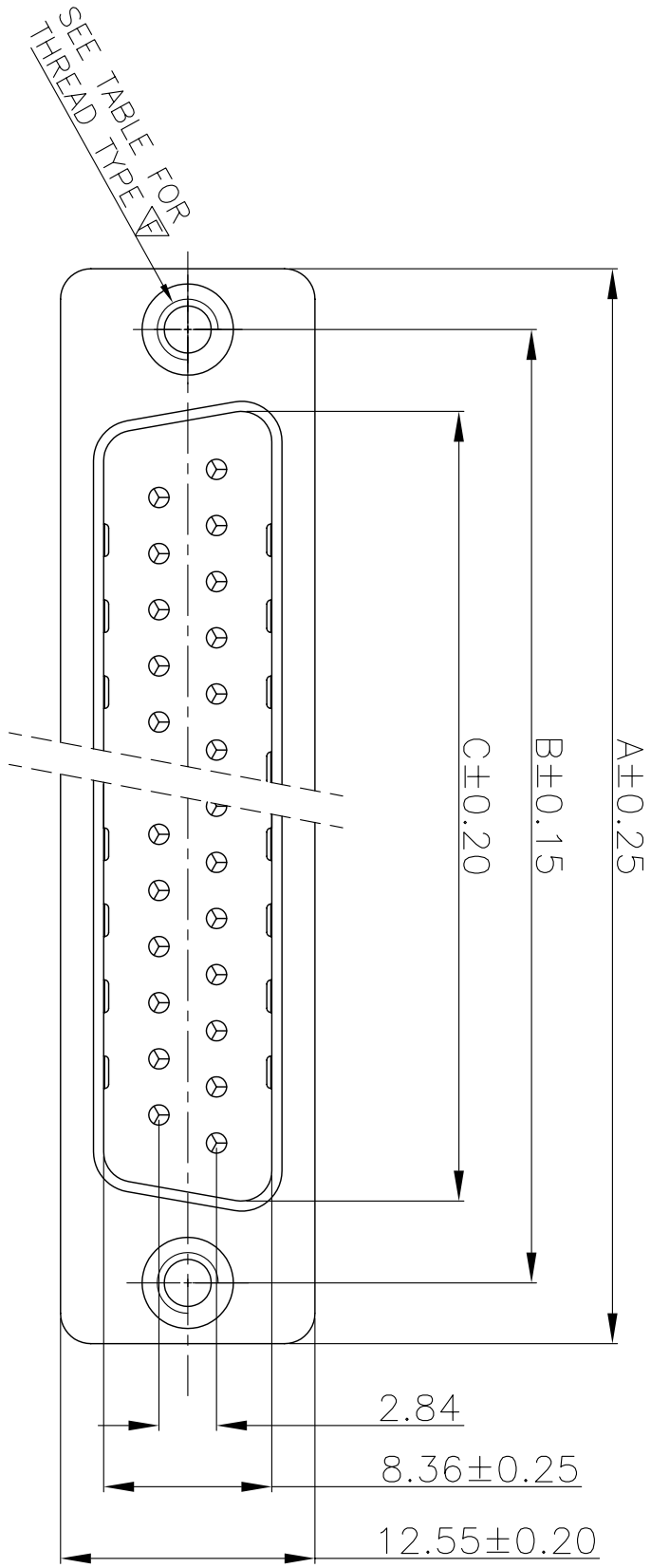




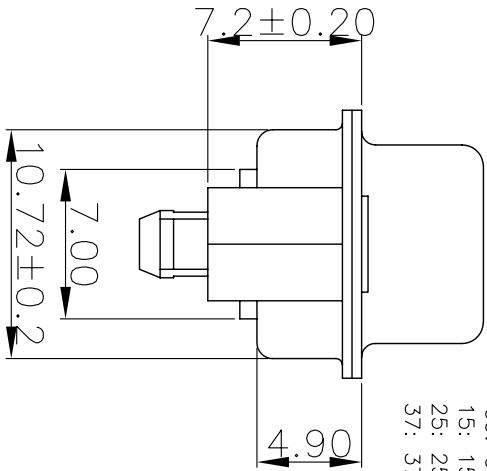
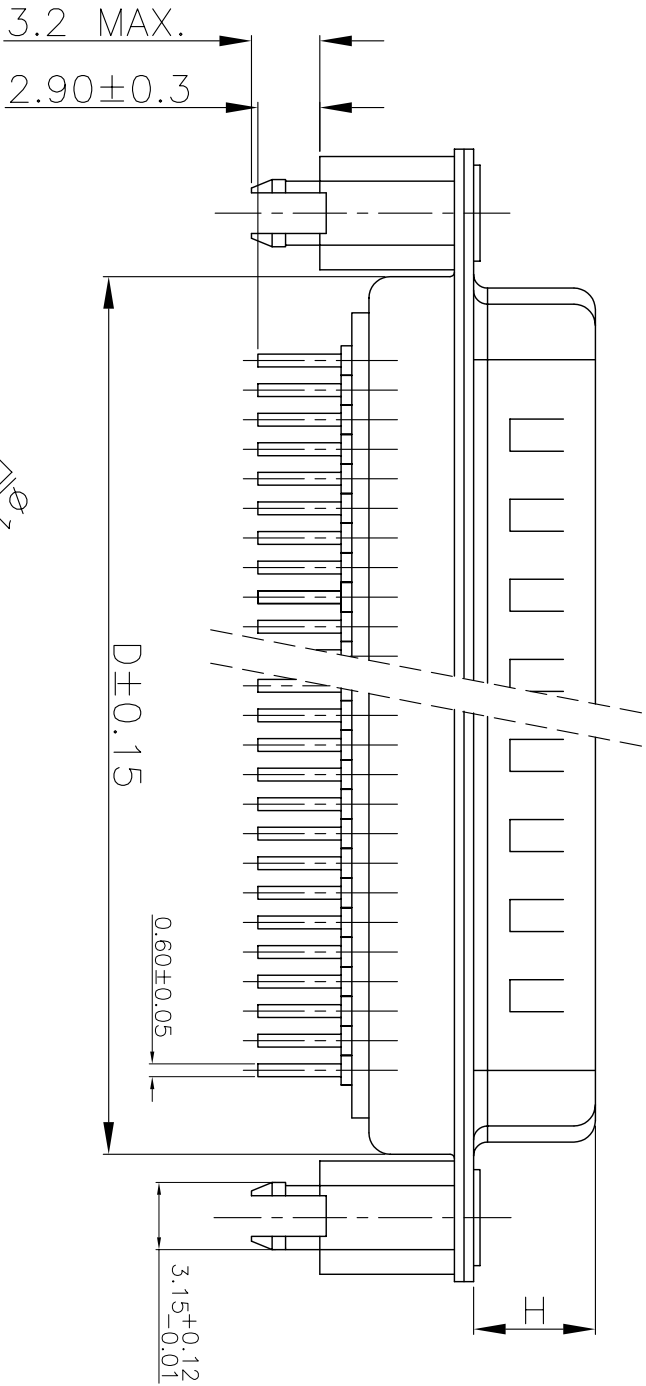
REMARK:
1.CHARACTERISTICS:
RATED VOLTAGE: 250V
RATED CURRENT: 5AMP
CONTACT RESISTANCE: 25mohms MAX,INITIAL;40mohms MAX.AFTER.
INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
DIELECTRIC STRENGTH: 1000VRMS
OPERATING TEMPERATURE RANGE: -55℃~105℃
INSERTION/EXTRACTION FORCE PER CONTACT:5N Max./0.3N Min.
MATING/UNMATING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

2.MATERIAL:

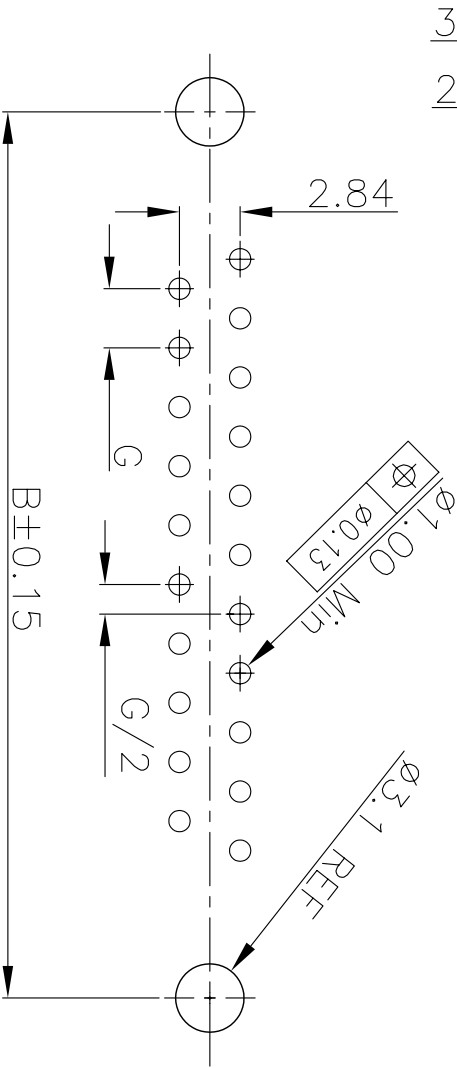
INSULATORS: GLASS-FILLED THERMOPLASTIC UL94V-0, COLOR IN BLACK.
CONTACTS: COPPER ALLOY, SELECTIVE GOLD ON CONTACT AREA,
100u" Min MATTE TIN TOP OVER SOLDER AREA,
30u" Min NICKEL UNDER PLATE.
SHELL: STEEL,100u" Min NICKEL TOP OVER,
50u" Min COPPER UNDER PLATE.
CLINCH NUT:COPPER ALLOY,100u" Min MATTE TIN PLATED.

3. PART NUMBER DESCRIPTION: 10090096-P XX X X Lf

SERIES NO. _____
TYPE _____
P: PIN (MALE)
NUMBER OF CONTACTS _____
LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
X: UNC #4-40 CLINCHNUTS
L: M3 CLINCHNUTS
CONTACT FINISH
4: GOLD FLASH
6: 30u" PLATING OPTION
AVAILABLE ON REQUEST

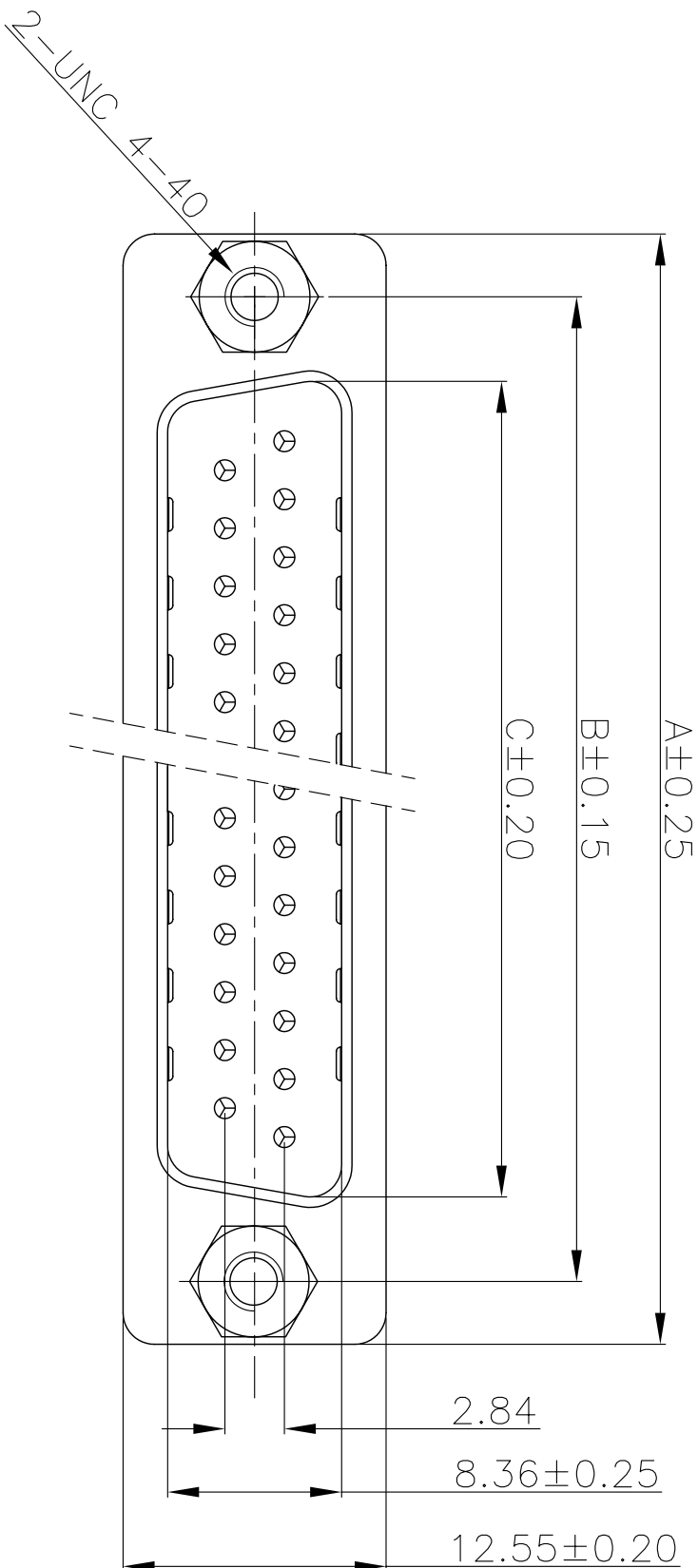


POS.	PART NO.				THREAD TYPE	
9	10090096-P09*LLF				M3X0.5	
15	10090096-P15*LLF				M3X0.5	
25	10090096-P25*LLF				M3X0.5	
37	10090096-P37*LLF				M3X0.5	
9	10090096-P09*XLF				UNC #4-40	
15	10090096-P15*XLF				UNC #4-40	
25	10090096-P25*XLF				UNC #4-40	
37	10090096-P37*XLF				UNC #4-40	
POS.	A	B	C	D	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



P.C.B LAYOUT
t: 1.6±0.1mm

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	.X ± 0.38	linear	projection	title	product family	code
A	T09-1033	J.H	3/12/09	.XX ± 0.25	.XXX ± 0.10	0° ±2°	D-SUB MALE STRAIGHT	D-SUB	TWN
B	T09-1044	J.H	4/2/09						
C	ELX-H-011675	P.K	18/05/12						
				dr	JASON HSU	3/12/09			
				engr	JASON HSU	3/12/09			
				chr	GARY HSEH	3/12/09			
				qppd	JOSEPH HSIA	3/12/09			
sheet index	revision	sheet	1	2	scale	1:1	A4	10090096	sheet 1 of 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°C~105°C
INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.3N Min.
MATING/UNMATING CYCLES :50MATTINGS 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:

DESCRIPTION: 10090096-P XX X X LF

SERIES NO. _____

TYPE _____

P: PIN (MALE) _____

NUMBER OF CONTACTS _____

LF: ROHS COMPLIANT

FLANGE MOUNTING OPTION

V: UNC #4-40 SCREWS _____

CONTACT FINISH

09: 9-PIN

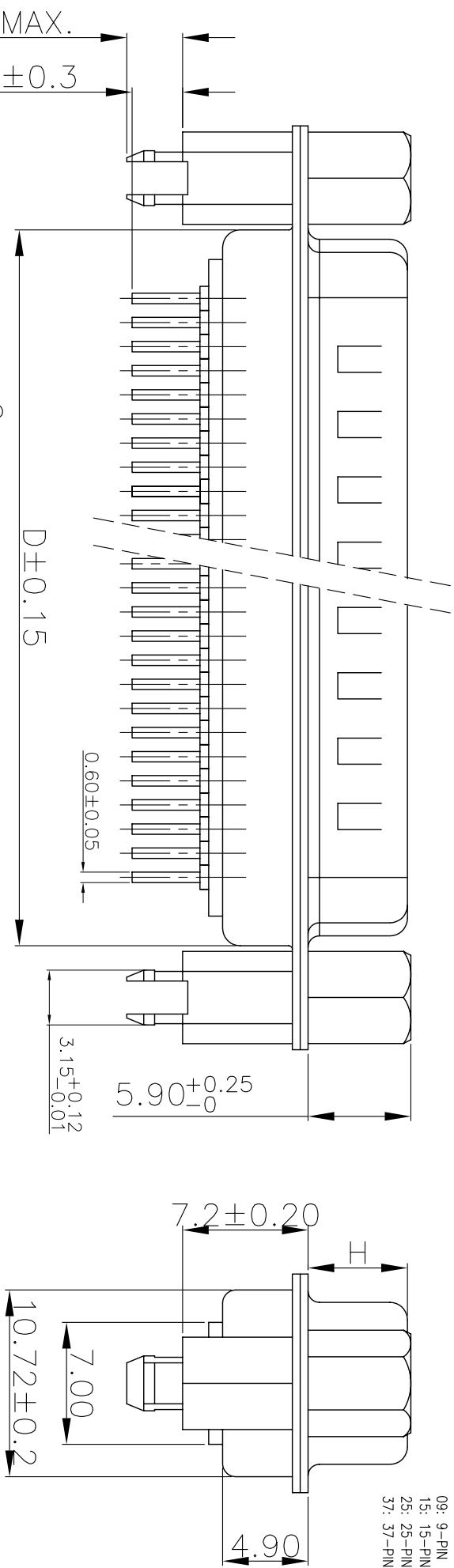
15: 15-PIN

25: 25-PIN

37: 37-PIN

4: FLASH GOLD

6: 30U" PLATING OPTION AVAILABLE ON REQUEST



POS.	PART NO.			H	
9	10090096-P09*VLF			5.90 $^{+0.15}_0$	
15	10090096-P15*VLF			5.90 $^{+0.15}_0$	
25	10090096-P25*VLF			5.70 $^{+0.25}_0$	
37	10090096-P37*VLF			5.70 $^{+0.25}_0$	
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

[illegible]