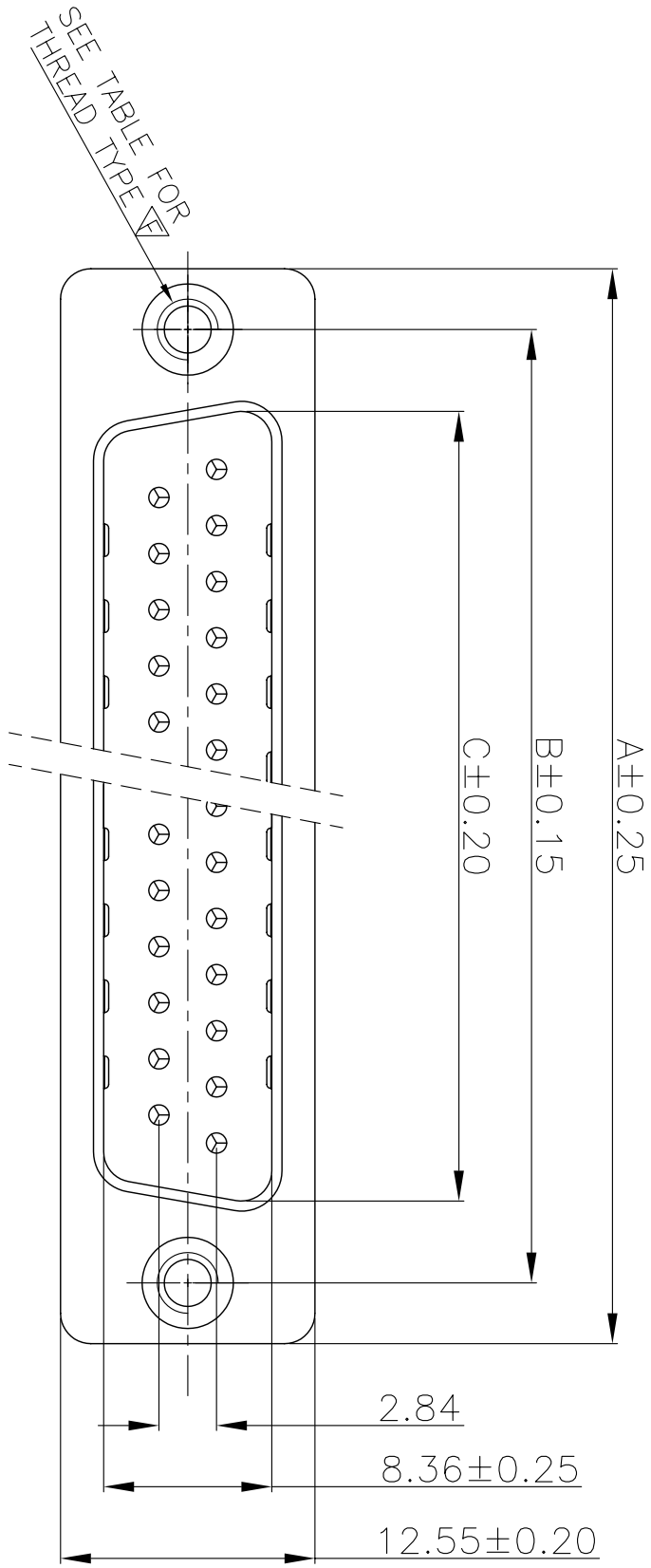




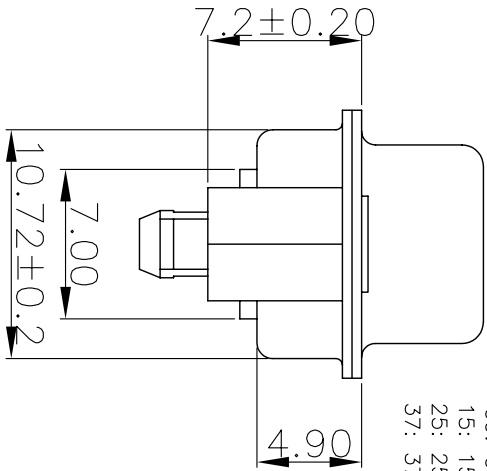
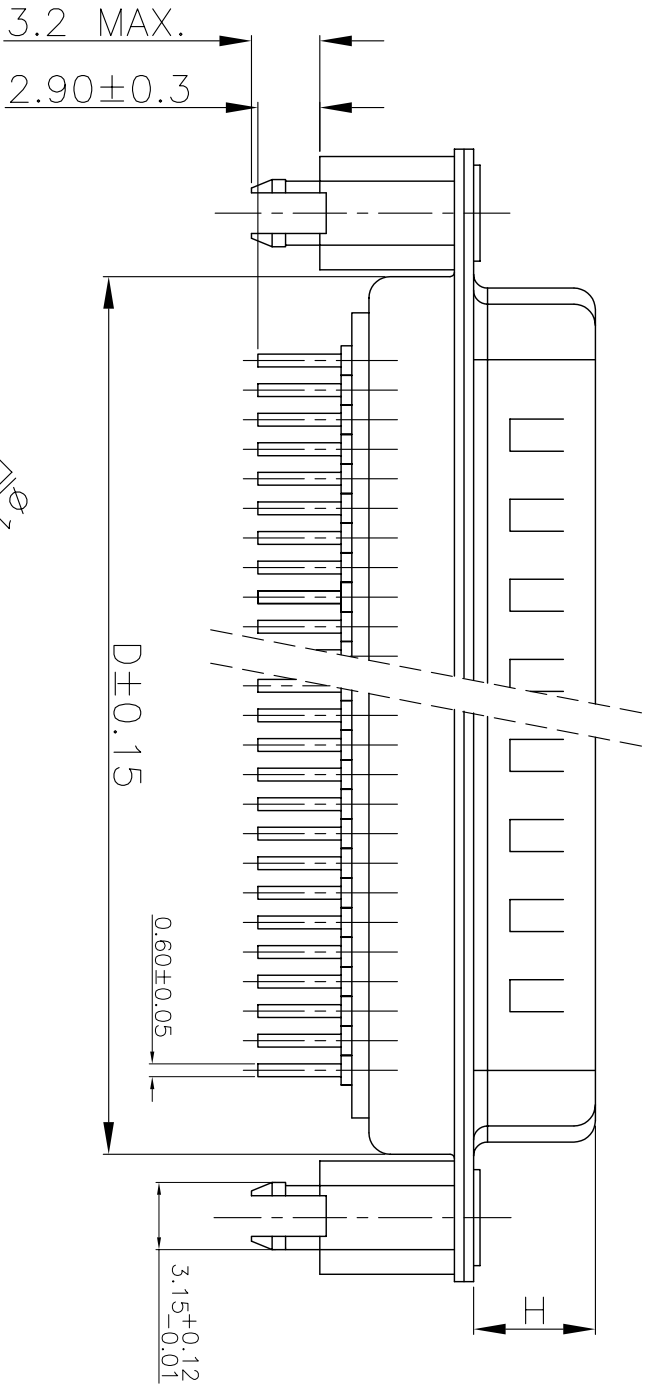
REMARK:
1.CHARACTERISTICS:
RATED VOLTAGE: 250V
RATED CURRENT: 5AMP
CONTACT RESISTANCE: 25mohms MAX,INITIAL;40mohms MAX.AFTER.
INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC
DIELECTRIC STRENGTH: 1000VRMS
OPERATING TEMPERATURE RANGE: -55℃~105℃
INSERTION/EXTRACTION FORCE PER CONTACT:5N Max./0.3N Min.
MATING/UNMATING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

2.MATERIAL:

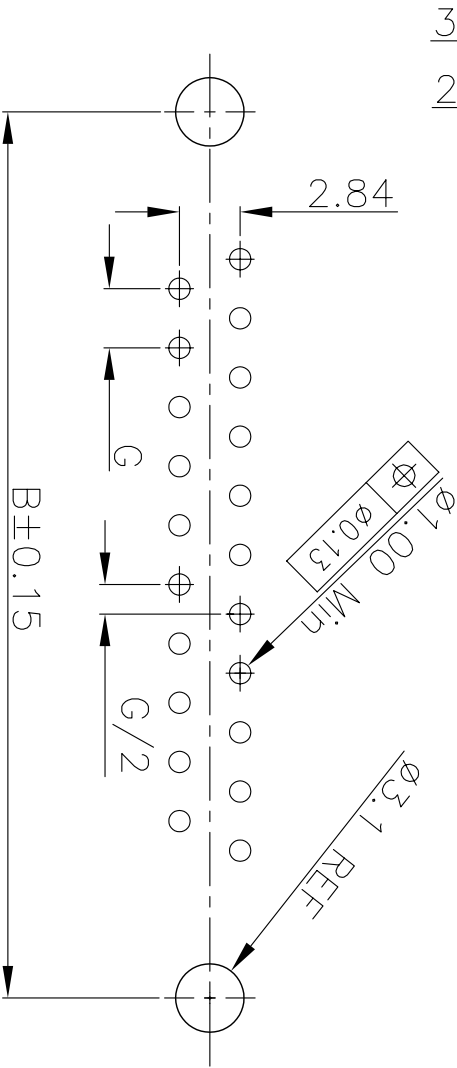
INSULATORS: GLASS-FILLED THERMOPLASTIC UL94V-0, COLOR IN BLACK.
CONTACTS: COPPER ALLOY, SELECTIVE GOLD ON CONTACT AREA,
100u" Min MATTE TIN TOP OVER SOLDER AREA,
30u" Min NICKEL UNDER PLATE.
SHELL: STEEL,100u" Min NICKEL TOP OVER,
50u" Min COPPER UNDER PLATE.
CLINCH NUT:COPPER ALLOY,100u" Min MATTE TIN 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	linear	.X ± 0.38	projection	title	product family	code
A	T09-1033	J.H	3/12/09	.XX ± 0.25				D-SUB	TWN
B	T09-1044	J.H	4/2/09	.XXX ± 0.10				D-SUB MALE STRAIGHT	sheet 1 of 2
C	ELX-H-011675	P.K	18/05/12	angles 0° ±2°					
				dr JASON HSU	3/12/09	MM			
				engr JASON HSU	3/12/09				
				chr GARY HSEH	3/12/09	scale			
				qppd JOSEPH HSIA	3/12/09	1:1	A4	10090096	
sheet index	revision	sheet	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: 1000V/MS
OPERATING TEMPERATURE RANGE: -55℃~105℃
INSERTION/EXTRACTION FORCE PER CONTACT:5N Max./0.3N Min.
MATING/UNMATING CYCLES :50MATINGS MIN.

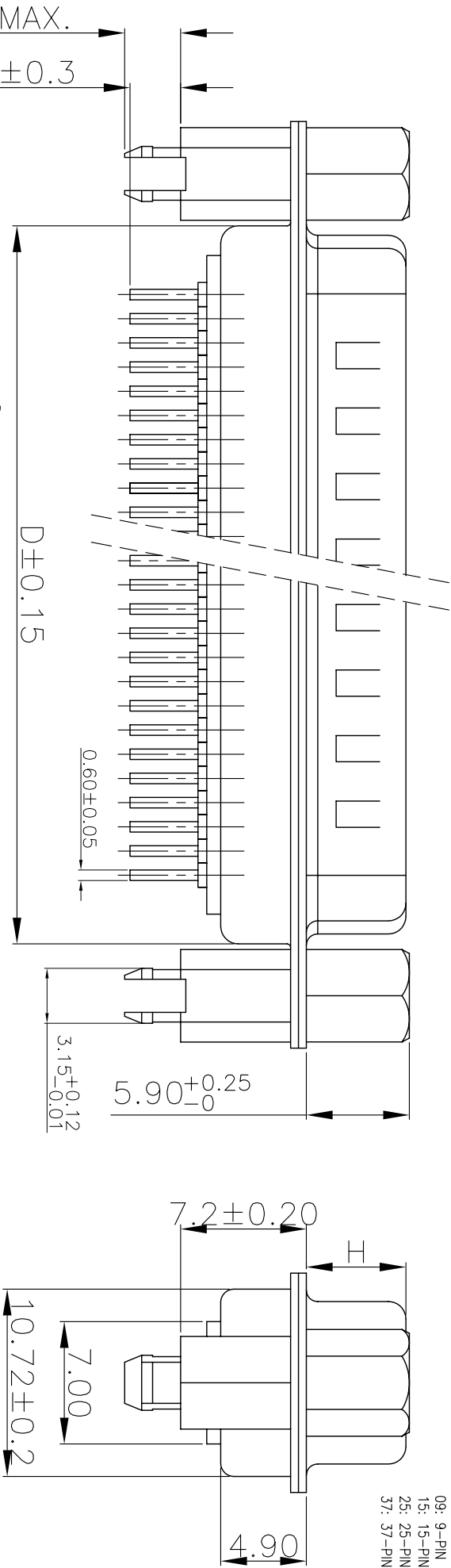
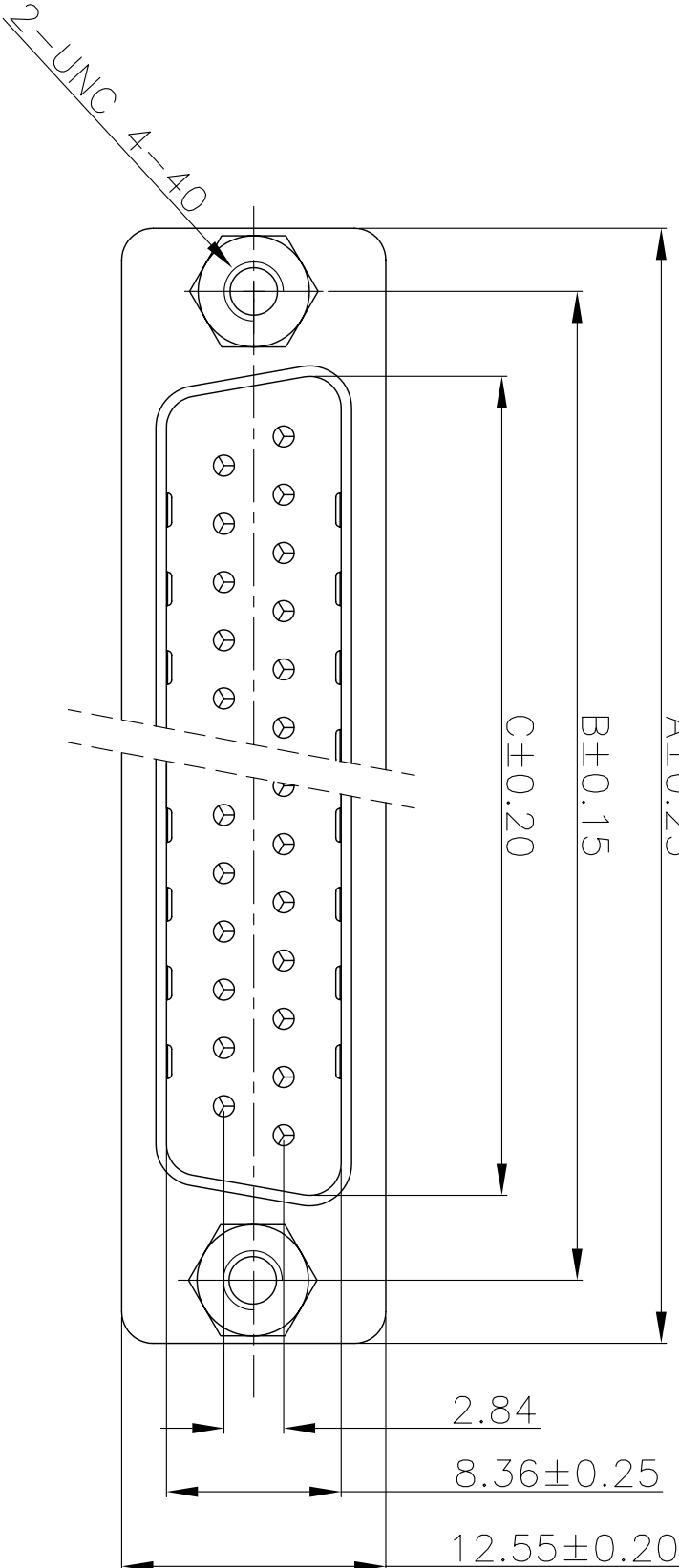
2.MATERIAL:

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.

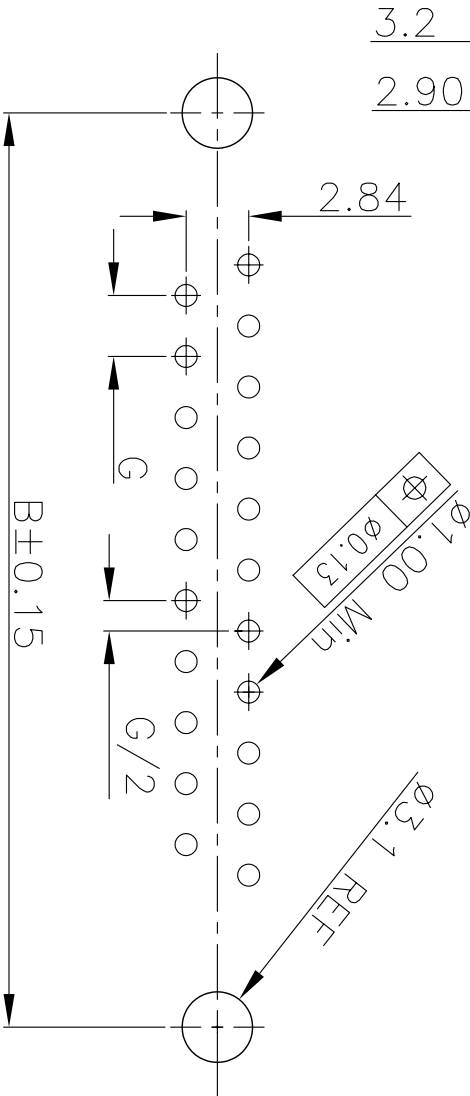
3. PART NUMBER DESCRIPTION:

10090096-P XX X X LF

SERIES NO. _____
TYPE _____
P: PIN (MALE)
NUMBER OF CONTACTS _____
CONTACT FINISH _____
LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
V: UNC #4-40 SCREWLOCKS
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 $\pm$ 0.15	
15	10090096-P15*VLF			5.90 $\pm$ 0.15	
25	10090096-P25*VLF			5.70 $\pm$ 0.25	
37	10090096-P37*VLF			5.70 $\pm$ 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		title	
ltr	ecn no	dr	date	linear	.XX $\pm$ 0.38	projection	MM	product family	D-SUB
c				.XXX $\pm$ 0.10	0° $\pm$ 2°	scale	1:1	size	dwg no
				angles	0° $\pm$ 2°				
				dr	JASON HSU	6/30/08			
				engr	JASON HSU	6/30/08			
				chr	GARY HSIEH	3/12/09			
				appd	JOSEPH HSIA	3/12/09			
sheet index	revision	sheet							



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D-SUB MALE STRAIGHT

D-SUB

code

TWN

sheet

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