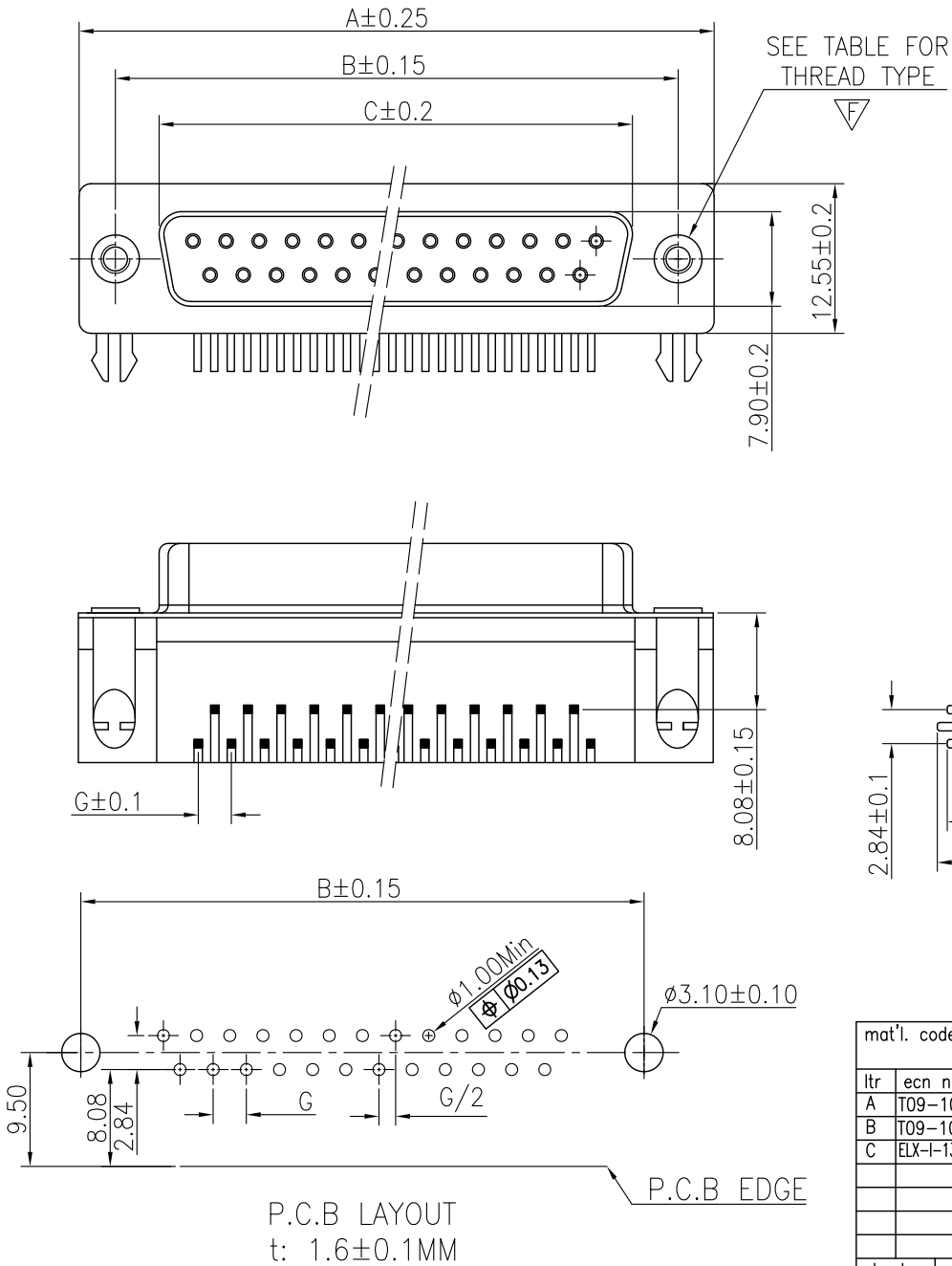




REMARK:

1.CHARACTERISTICS:

RATED VOLTAGE: 250V
RATED CURRENT: 5AMP
CONTACT RESISTANCE: 25mohms MAX.INITIAL;40mohmsMAX.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.
BOARD LOCK :COPPER ALLOY,100u" Min MATTE TIN PLATED.

3. PART NUMBER DESCRIPTION:

10090099-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

X: UNC #4-40 CLINCHNUTS

L: M3 CLINCHNUTS

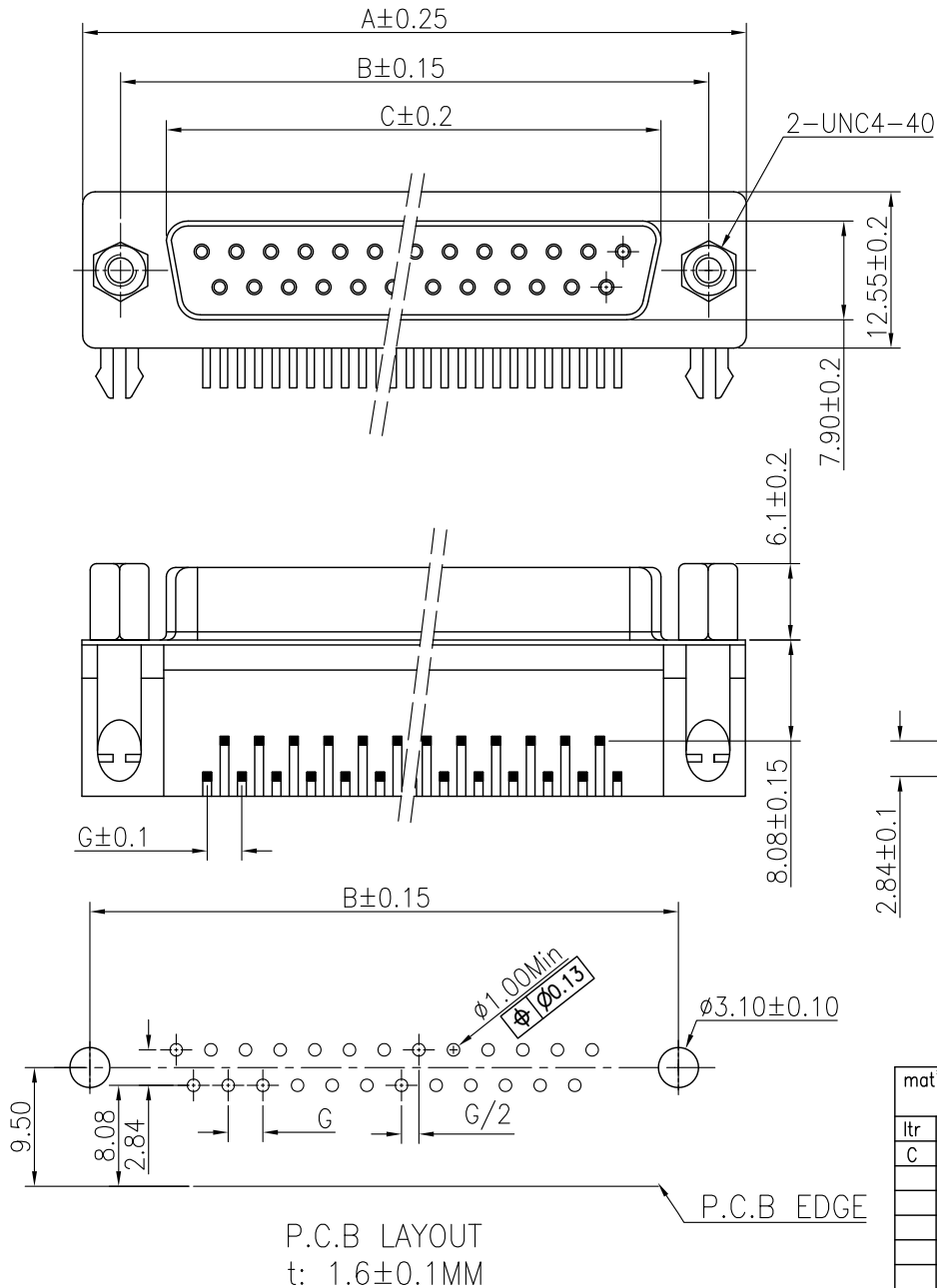
CONTACT FINISH

4: GOLD FLASH

6: 30u" PLATING OPTION
AVAILABLE ON REQUEST

POS.	PART NO.		THREAD TYPE	
09P	10090099-S09*LLF		M3X0.5	
15P	10090099-S15*LLF		M3X0.5	
25P	10090099-S25*LLF		M3X0.5	
37P	10090099-S37*LLF		M3X0.5	
09P	10090099-S09*XLf		UNC 4-40	
15P	10090099-S15*XLf		UNC 4-40	
25P	10090099-S25*XLf		UNC 4-40	
37P	10090099-S37*XLf		UNC 4-40	
POS.	A	B	C	G
09P	30.81	24.99	16.33	2.74
15P	39.24	33.32	24.66	2.74
25P	53.04	47.04	38.38	2.77
37P	69.32	63.50	54.84	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	
A	T09-1033	J.H	3/12/09		.XX ± 0.25				
B	T09-1044	J.H	4/2/09		.XXX ± 0.10				
C	ELX-I-13433	AB	9/11/12	angles	0° ± 2°	MM	D-SUB FEMALE RIGHT-ANGLE US STYLE	product family D-SUB	
				dr	JASON HSU 3/12/09				
				enrg	JASON HSU 3/12/09				
				chr	ALIAS BABU 9/11/12	scale	size	dwg no	code
				appd	MITHUN PAUL 9/11/12				
sheet index	revision	C	C						
	sheet	1	2						



REMARK:

1.CHARACTERISTICS:

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 RATED CURRENT: 5AMP
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 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.

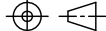
2.MATERIAL:

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

3. PART NUMBER DESCRIPTION:

SERIES NO. 10090099-S XX X X LF
 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 A
 4: FLASH GOLD
 6: 30u" PLATING OPTION AVAILABLE ON REQUEST

POS.	PART NO.	A	B	C	G
09P	10090099-S09*VLF	30.81	24.99	16.33	2.74
15P	10090099-S15*VLF	39.24	33.32	24.66	2.74
25P	10090099-S25*VLF	53.04	47.04	38.38	2.77
37P	10090099-S37*VLF	69.32	63.50	54.84	2.77

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 FEMALE RIGHT-ANGLE US STYLE				
C					.XX ± 0.25									
					.XXX ± 0.10									
				angles	0° ± 2°									
				dr	JASON HSU	3/12/09	MM	product family			D-SUB		code	
				engr	JASON HSU	3/12/09		size	dwg no		TWN			
				chr	ALIAS BABU	9/11/12								
				appd	MITHUN PAUL	9/11/12	scale	1:1		A4		sheet 2 of 2		
sheet index	revision sheet													