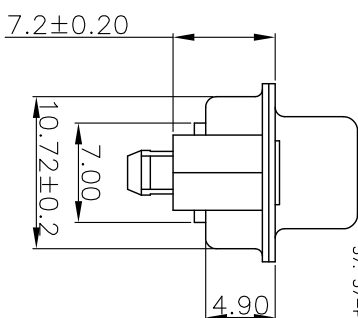
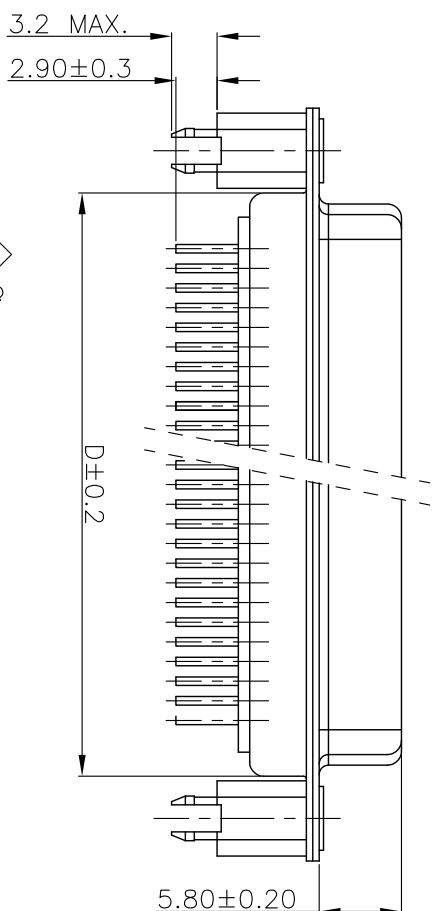
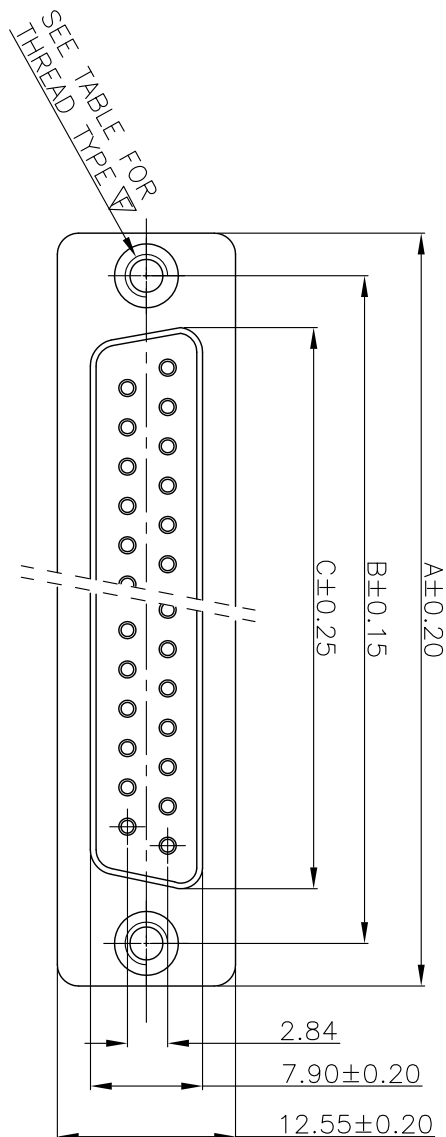




REMARK:
1. CHARACTERISTICS:

RATED VOLTAGE: 250V
 RATED CURRENT: 5AMP
 CONTACT RESISTANCE: 25mohms MAX. INITIAL, 40mohms MAX. AFTER
 INSULATION RESISTANCE: 5000ohms MIN. at 500V DC
 DIELECTRIC STRENGTH: 1000V/MS
 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 LG49-0, COLOR IN BLACK CONTACTS: COPPER ALLOY, SELECTIVE GOLD ON CONTACT AREA, 100 μ Min MATTE TIN TOP OVER SOLDER AREA, 30 μ Min NICKEL UNDER PLATE.

SHELL: STEEL, 100 μ Min NICKEL TOP OVER, 50 μ Min COPPER UNDER PLATE, CLINCH NUT: COPPER ALLOY, 100 μ Min MATTE TIN PLATED.

3. PART NUMBER DESCRIPTION: **10090098-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

L.F: ROHS COMPLANT

FLANGE MOUNTING OPTION

X: UNC #4-40 CLINCHNUTS

L: M3 CLINCHNUTS

CONTACT FINISH

4: GOLD FLASH

6: 50U" PLATING OPTION

AVAILABLE ON REQUEST

POS.	PART NO.	THREAD TYPE
9	10090098-S09*XLf	M3X0.5
15	10090098-S15*XLf	M3X0.5
25	10090098-S25*XLf	M3X0.5
37	10090098-S37*XLf	M3X0.5
9	10090098-S09*XLf	UNC 4-40
15	10090098-S15*XLf	UNC 4-40
25	10090098-S25*XLf	UNC 4-40
37	10090098-S37*XLf	UNC 4-40

mat'l code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	.X ± 0.38 .XX ± 0.25 .XXX ± 0.10		title	
A	T09-1033	J.H	3/13/09	projection 		D-SUB FEMALE STRAIGHT	
B	T09-1044	J.H	4/2/09	angles 0° ± 2°			

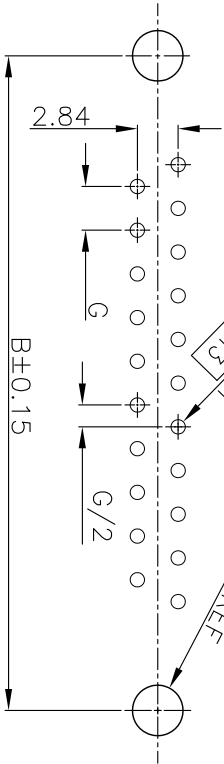
P.C.B LAYOUT
t: 1.6±0.1MM



B

A

P.C.B LAYOUT
t: 1.6±0.1MM



3.2 MAX.
2.90±0.3

D±0.20

6.10±0.2

7.2±0.20

5.80±0.20

10.72±0.2

7.00

4.90

2-UNC#4-40

A±0.20

B±0.15

C±0.25

2.84

7.90±0.20

12.55±0.20

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:

INSULATIONS: 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: 10090098-S XX X X LF

SERIES NO. XX X X LF

TYPE - S: SOCKET (FEMALE) LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
V: UNC #4-40 SCREWS/LOCKS

NUMBER OF CONTACTS

09: 9-PIN
15: 15-PIN
25: 25-PIN
37: 37-PIN
CONTACT FINISH
4: FLASH GOLD
6: 30u" PLATING OPTION AVAILABLE
ON REQUEST

POS.	PART NO.	A	B	C	D	G
09	10090098-S09*VLF	30.81	24.99	16.33	19.28	2.74
15	10090098-S15*VLF	39.24	33.32	24.66	27.75	2.74
25	10090098-S25*VLF	53.04	47.04	38.38	41.30	2.77
37	10090098-S37*VLF	69.32	63.50	54.84	57.40	2.77

mat'l. code	ecn no	dr	date	tolerances unless otherwise specified	CUSTOMER COPY	title	product family	code
B				.XX ± 0.38 linear .XXX ± 0.10 angles 0° ±2°	projection	D-SUB FEMALE STRAIGHT	D-SUB	TWN
sheet	revision							
index	sheet							

engr	JASON HSU	3/12/09	scale	1:1	A4	10090098	2 of 2
chr	GARY HSIEH	3/12/09					
appd	JOSEPH HSIA	3/12/09					

sheet	revision						
index	sheet						

code	code	code	code	code	code	code	code
22526	22526	22526	22526	22526	22526	22526	22526



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ACAD

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