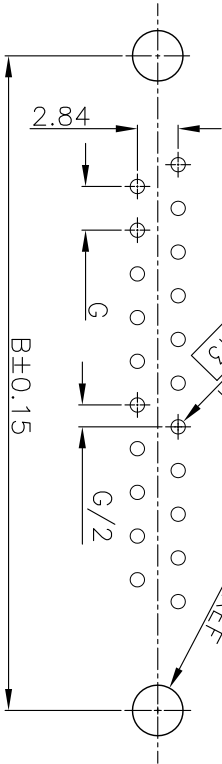




B

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 LP

SERIES NO. XX X X LP

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

NUMBER OF CONTACTS CONTACT FINISH

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

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

tolerances unless otherwise specified

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title D-SUB FEMALE STRAIGHT

product family D-SUB

size dwg no 10090098

code TWN

mat'l. code	ecn no	dr	date
B			
linear	.XX ± 0.25		
angles	.XXX ± 0.10		
dr	JASON HSU 3/12/09		
engr	GARY HSIEH 3/12/09		
chr	JOSEPH HSIA 3/12/09		
appd			
sheet	revision		
index	sheet		

1 | 2

3 |

4

ACAD

code code
22526