

P.C.B LAYOUT(FOR 62P)

REMARK:

1. CHARACTERISTICS:  
RATED VOLTAGE: 250V  
RATED CURRENT: 2.5AMP  
CONTACT RESISTANCE: 25mohms MAX(40mohms MAX FOR AFTER TEST).  
INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC  
DIELECTRIC STRENGTH: 750VRMS  
OPERATING TEMPERATURE RANGE: -55°C~105°C  
INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.2N Min.  
MATING/UNMATING CYCLES: 200MATING MIN FOR GOLD-FLASH  
500MATING MIN FOR 30u" GOLD.

2. MATERIAL:

INSULATORS: THERMOPLASTIC G.F(UL94V-0) BLACK  
CONTACTS: COPPER ALLOY, GOLD(G/F or 30u") TOP OVER CONTACT AREA,  
100u" Min MATTE TIN TOP OVER SOLDER AREA,  
50u" Min NICKEL UNDER PLATE.  
SHELL: CARBON STEEL, 100u" Min NICKEL TOP OVER,  
50u" Min COPPER UNDER PLATE.

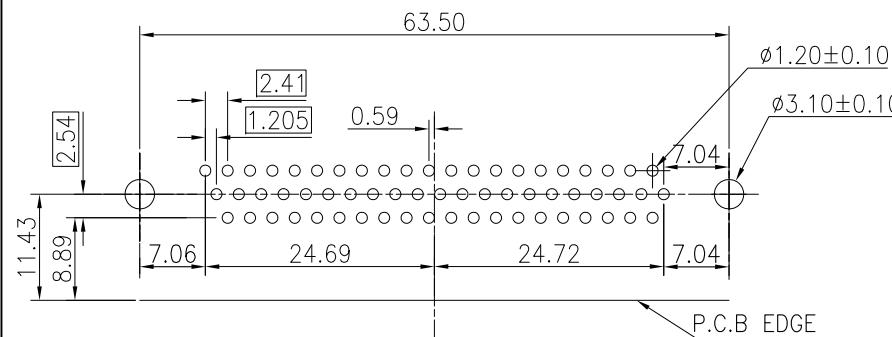
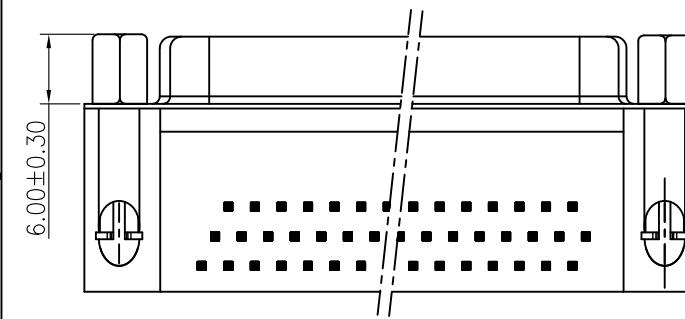
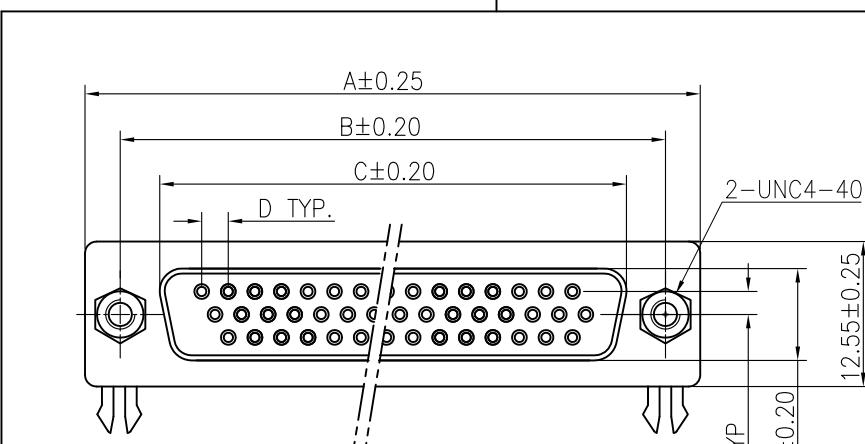
Z BRACKET: COPPER ALLOY, 100u" Min MATTE TIN PLATED.  
SCREW LOCK: COPPER ALLOY, 50u" Min NICKEL PLATED.  
3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 5  
SECONDS IN A WAVE SOLDERING APPLICATION WITH A 1.6MM THICK PC BOARD.

4. PART NUMBER DESCRIPTION:

10090927-S 62 X X LF  
SERIES NO. \_\_\_\_\_  
TYPE S: SOCKET (FEMALE) \_\_\_\_\_  
FLANGE MOUNTING OPTION X: UNC #4-40 CUNCHNUTS  
NUMBER OF CONTACTS 62: 62-PIN  
CONTACT FINISH 4: GOLD FLASH  
8: 30u" GOLD

POS.	PART NO.	THREAD TYPE
62P	10090927-S62*XLF	UNC #4-40
	POS. A B C D	
62P	69.32 63.50 54.84 2.41	

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	.X ± 0.38	.XX ± 0.25	.XXX ± 0.10	
A	T09-1156	J.H	12/10/09					
B	T10-0164	J.H	10/19/10					
C	ELX-I-15500	A.B	2013/08/21	angles	0° ±2°			
				dr	JASON HSU	10/19/10		product family D-SUB
				engr	ALIAS BABU	2013/08/21		code TWN
				chr	MITHUN PAUL	2013/08/21		dwg no
				appd	BUJU.K.PAUL	2013/08/21		sheet
							1:1	10090927
sheet index	revision	C C	C C					
	sheet	1 2	3 4					



P.C.B LAYOUT(FOR 62P)

REMARK:

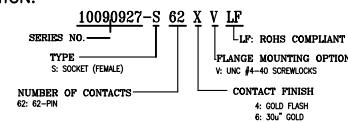
1. CHARACTERISTICS:  
 RATED VOLTAGE: 250V  
 RATED CURRENT: 2.5AMP  
 CONTACT RESISTANCE: 25mohms MAX(40mohms MAX FOR AFTER TEST).  
 INSULATION RESISTANCE: 5000Mohms MIN. at 500V DC  
 DIELECTRIC STRENGTH: 750VRMS  
 OPERATING TEMPERATURE RANGE: -55°C~105°C  
 INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.2N Min.  
 MATING/UNMATING CYCLES: 200MATINGS MIN FOR GOLD-FLASH  
 500MATINGS MIN FOR 30u" GOLD.

2. MATERIAL:

INSULATORS: THERMOPLASTIC G.F(UL94V-0) BLACK  
 CONTACTS: COPPER ALLOY, GOLD(G/F or 30u") TOP OVER CONTACT AREA,  
 100u" Min MATTE TIN TOP OVER SOLDER AREA,  
 50u" Min NICKEL UNDER PLATE.  
 SHELL: CARBON STEEL, 100u" Min NICKEL TOP OVER,  
 50u" Min COPPER UNDER PLATE.  
 Z BRACKET: COPPER ALLOY, 100u" Min MATTE TIN PLATED.  
 SCREW LOCK: COPPER ALLOY, 50u" Min NICKEL PLATED.  
 NUT: COPPER ALLOY, 50u" Min NICKEL PLATED.

3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDERING APPLICATION WITH A 1.6MM THICK PC BOARD.

4. PART NUMBER DESCRIPTION:



POS.	PART NO.	A	B	C	D	E	F
62P	10090927-S62*VLF	69.32	63.50	54.84	2.41	7.03	8.21
<b>FCI</b> www.fciconnect.com							
H/D D-SUB FEMALE RIGHT-ANGLE							
ltr	ecn no	dr	date	.X ± 0.38	projection	title	
C				.XX ± 0.25			
				.XXX ± 0.10			
				0° ± 2°			
dr	JASON HSU	10/19/10			product family	D-SUB	code
engr	ALIAS BABU	2013/08/21			size	dwg no	TWN
chr	MITHUN PAUL	2013/08/21			scale		sheet
appd	BIJU.K.PAUL	2013/08/21			1:1	A4	2 of 4
sheet	revision						
index	sheet						



