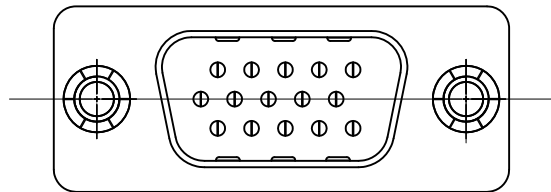
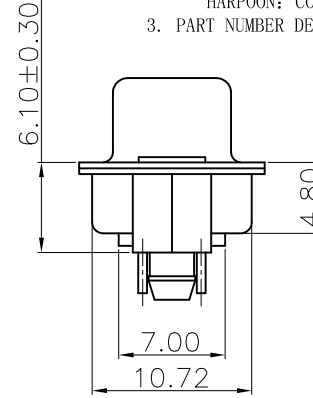
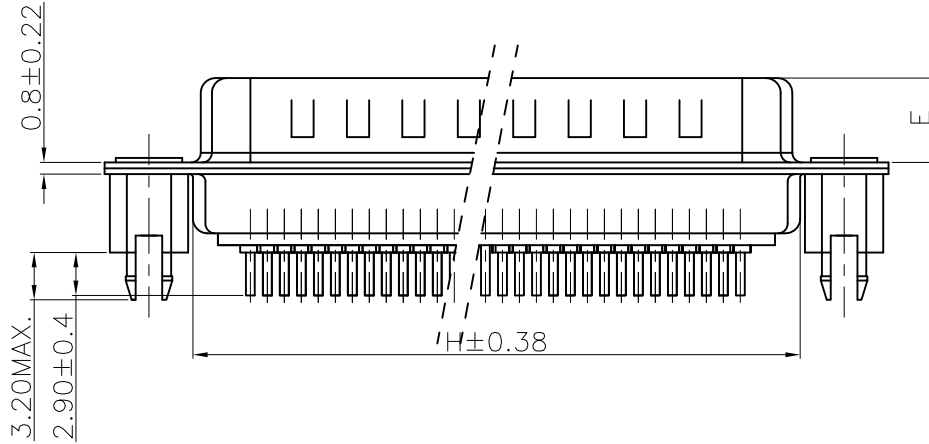
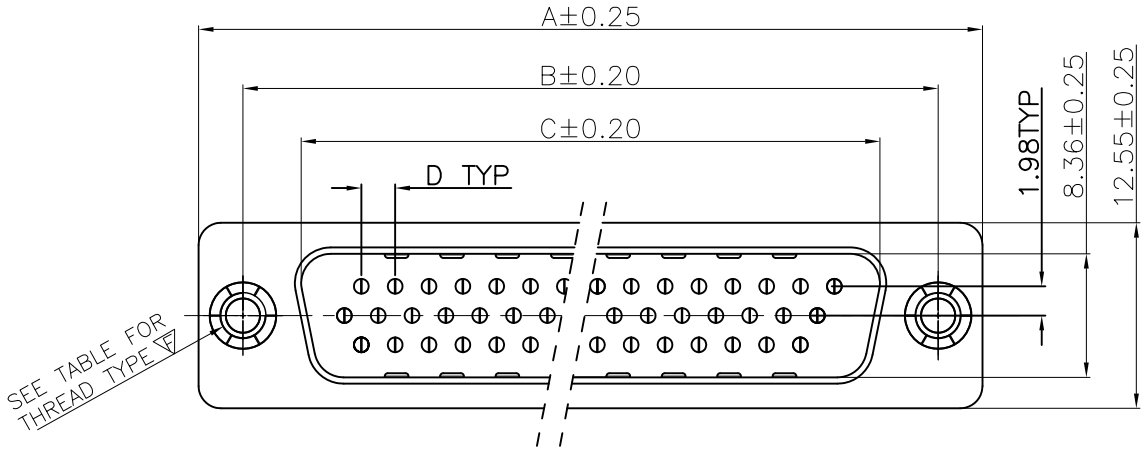


1 | 2

3 |

4



FOR 15P

REMARK:

1. CHARACTERISTICS:

RATED VOLTAGE: 250V
RATED CURRENT: 2.5AMP
CONTACT RESISTANCE: 25mohms MAX. INITIAL,
40mohms MAX. AFTER.
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.
HARPOON: COPPER ALLOY, 100u" Min MATTE TIN PLATED.

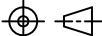
3. PART NUMBER DESCRIPTION: 10090928-P XX X X LF

SERIES NO. _____
TYPE _____
P: PIN (MALE)
NUMBER OF CONTACTS _____
15: 15-PIN
26: 26-PIN
44: 44-PIN
62: 62-PIN
LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
X: UNC #4-40 CLINCHNUTS
L: M3 CLINCHNUTS
CONTACT FINISH
4: GOLD FLASH
6: 30u" GOLD

POS.	PART NO.	THREAD TYPE
15	10090928-P15*LLF	M3X0.5
26	10090928-P26*LLF	M3X0.5
44	10090928-P44*LLF	M3X0.5
62	10090928-P62*LLF	M3X0.5
15	10090928-P15*XLf	UNC #4-40
26	10090928-P26*XLf	UNC #4-40
44	10090928-P44*XLf	UNC #4-40
62	10090928-P62*XLf	UNC #4-40

POS.	A	B	C	D	E	H
15	30.81	24.99	16.92	2.29	5.90 ^{+0.25} ₋₀	19.10
26	39.24	33.32	25.25	2.29	5.90 ^{+0.25} ₋₀	27.75
44	53.04	47.04	38.96	2.29	5.70 ^{+0.25} ₋₀	41.30
62	69.32	63.50	55.42	2.41	5.70 ^{+0.25} ₋₀	57.40

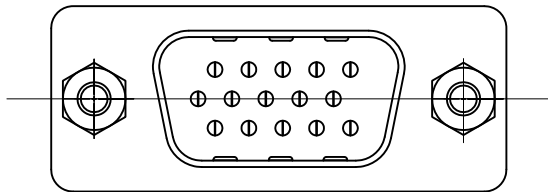
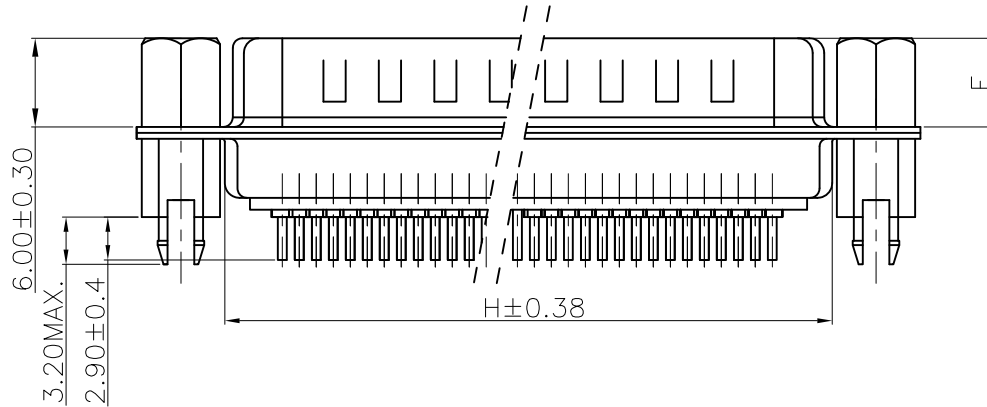
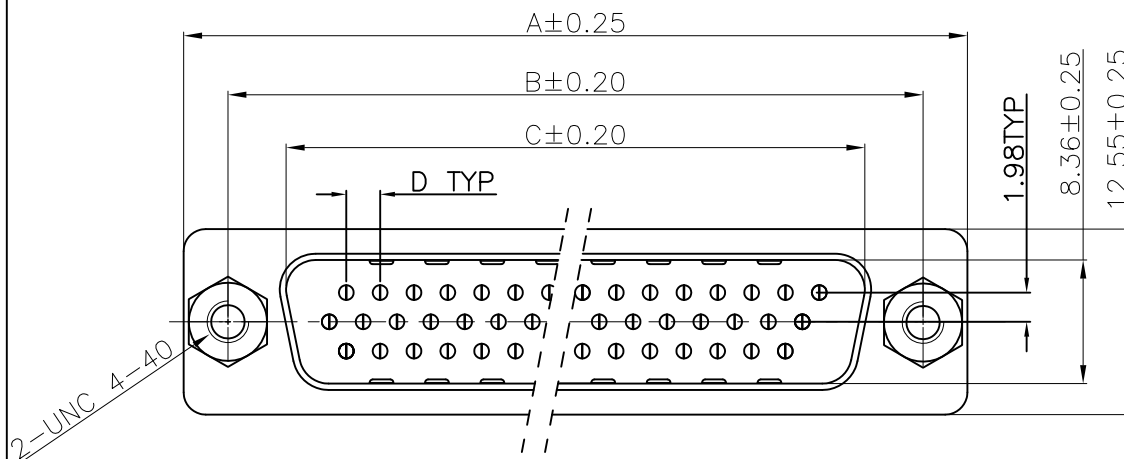
mat'l. code				tolerances unless otherwise specified			
ltr	ecn no	dr	date	linear	.X ± 0.38		
A	T09-1156	J.H	12/10/09		.XX ± 0.25		
B	T10-0164	J.H	10/19/10		.XXX ± 0.10		
				angles	0° ± 2°		
				dr	JASON HSU 10/19/10		
				enrg	JASON HSU 10/19/10		
				chr	GARY HSIEH 10/19/10		
				appd	JOSEPH HSIA 10/19/10		
sheet index	revision sheet	B 1	B 2	B 3	B 4	B 5	

CUSTOMER COPY		FCI		www.fciconnect.com	
projection		title			
		H/D D-SUB MALE STRAIGHT			
MM		product family		D-SUB	
↔		size		code	
scale		dwg no		TWN	
1:1		A4		sheet	
		10090928		1 of 5	

1 | 2

3 |

4



FOR 15P

REMARK:

1. CHARACTERISTICS:

RATED VOLTAGE: 250V
RATED CURRENT: 2.5AMP
CONTACT RESISTANCE: 25mohms MAX. INITIAL,
40mohms MAX. AFTER.
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.
HARPOON: COPPER ALLOY, 100u" Min MATTE TIN PLATED.
NUT: COPPER ALLOY, 50u" Min NICKEL PLATED.

3. PART NUMBER DESCRIPTION: 10090928-P XX X X LF

SERIES NO. _____
TYPE
P: PIN (MALE)
NUMBER OF CONTACTS
15: 15-PIN
26: 26-PIN
44: 44-PIN
62: 62-PIN
LF: ROHS COMPLIANT
FLANGE MOUNTING OPTION
V: UNC #4-40 SCREWLOCKS
CONTACT FINISH
4: GOLD FLASH
6: 30u" GOLD

POS.	PART NO.
15	10090928-P15*VLF
26	10090928-P26*VLF
44	10090928-P44*VLF
62	10090928-P62*VLF

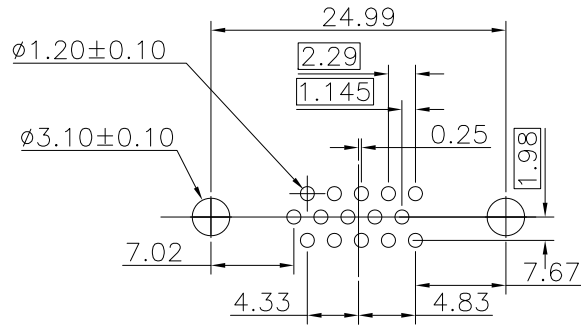
POS.	A	B	C	D	E	H
15	30.81	24.99	16.92	2.29	5.90 ^{+0.25} ₋₀	19.10
26	39.24	33.32	25.25	2.29	5.90 ^{+0.25} ₋₀	27.75
44	53.04	47.04	38.96	2.29	5.70 ^{+0.25} ₋₀	41.30
62	69.32	63.50	55.42	2.41	5.70 ^{+0.25} ₋₀	57.40

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.38	projection	title	www.fciconnect.com	
B					.XX ± 0.25				
					.XXX ± 0.10				
				angles	0° ± 2°	MM	H/D D-SUB MALE STRAIGHT	product family D-SUB	
				dr	JASON HSU 10/19/10				
				enrg	JASON HSU 10/19/10				
				chr	GARY HSIEH 10/19/10	scale	size dwg no	code TWN	
				appd	JOSEPH HSIA 10/19/10				
sheet index	revision sheet					1:1	A4	10090928	sheet 2 of 5

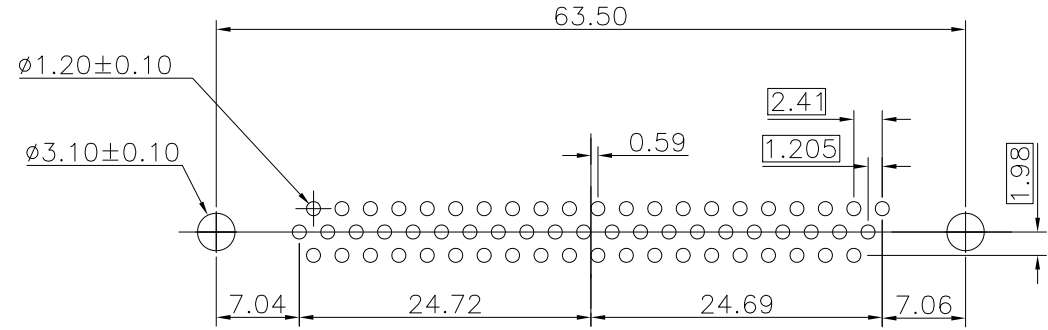
1 | 2

3 |

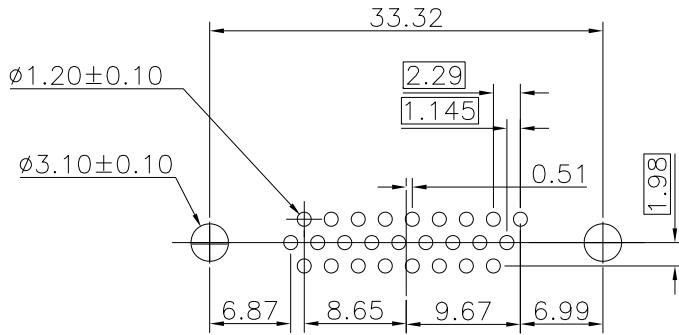
4



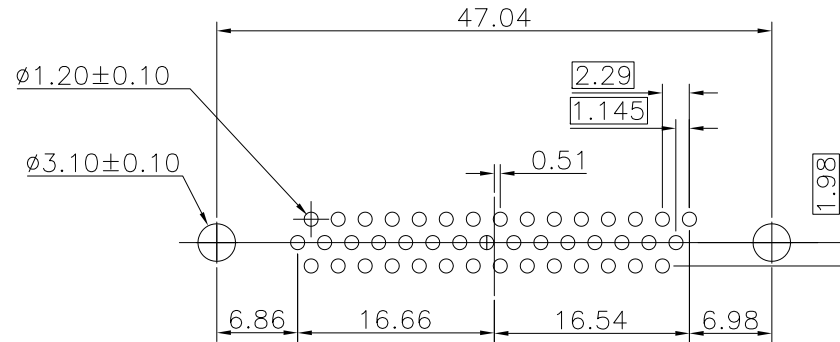
P.C.B LAYOUT(FOR 15P)



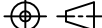
P.C.B LAYOUT(FOR 62P)



P.C.B LAYOUT(FOR 26P)



P.C.B LAYOUT(FOR 44P)

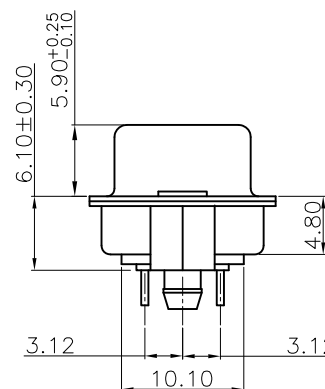
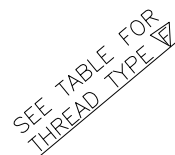
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		FCI 		www.fciconnect.com						
ltr	ecn no	dr	date	linear	.X ± 0.38			projection 	title H/D D-SUB MALE STRAIGHT PCB								
B					.XX ± 0.25												
					.XXX ± 0.10												
				angles	0° ± 2°			 MM	product family D-SUB size dwg no 10090928								
				dr	JASON HSU	10/19/10											
				engr	JASON HSU	10/19/10											
				chr	GARY HSIEH	10/19/10											
				appd	JOSEPH HSIA	10/19/10											
sheet index		revision sheet						scale 1:1	A4	sheet 3 of 5							

1 | 2

3 |

4

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.



SERIES NO. _____

TYPE _____

P: PIN (MALE)

NUMBER OF CONTACTS _____

78: 78-PIN

LF: ROHS COMPLIANT

FLANGE MOUNTING OPTION

X: UNC #4-40 CLINCHNUTS

L: M3 CLINCHNUTS

CONTACT FINISH

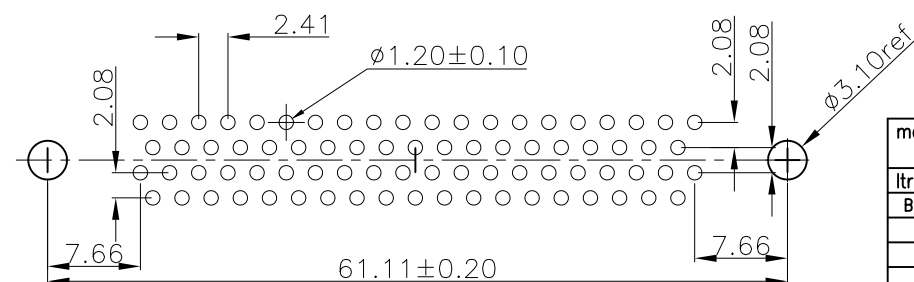
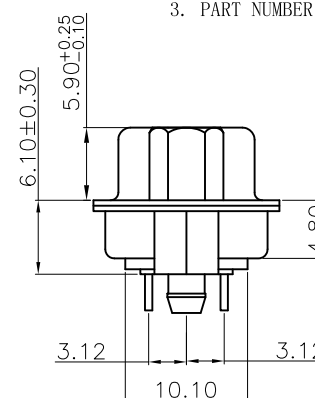
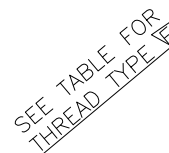
4: FLASH GOLD

6: 20µ" GOLD

[illegible]

Printed: Nov 02, 2010

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.



P.C.B. LAYOUT

Printed: Nov 02,

PART NO.: 10090928-P78*VLF

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
litr	ecn no	dr	date	linear	.X ± 0.38				projection		title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
B					.XX ± 0.25						H/D D-SUB MALE STRAIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					.XXX ± 0.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				angles	0° ±2°				 MM	product family					D-SUB					code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				dr	JASON HSU	10/19/10				size					dwg no					TWN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				engr	JASON HSU	10/19/10				scale					A4					10090928					sheet 5 of 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				chr	GARY HSIEH	10/19/10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				appd	JOSEPH HSIA	10/19/10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
sheet index		revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Printed: Nov 02, 2010