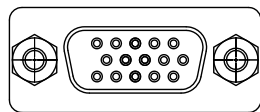
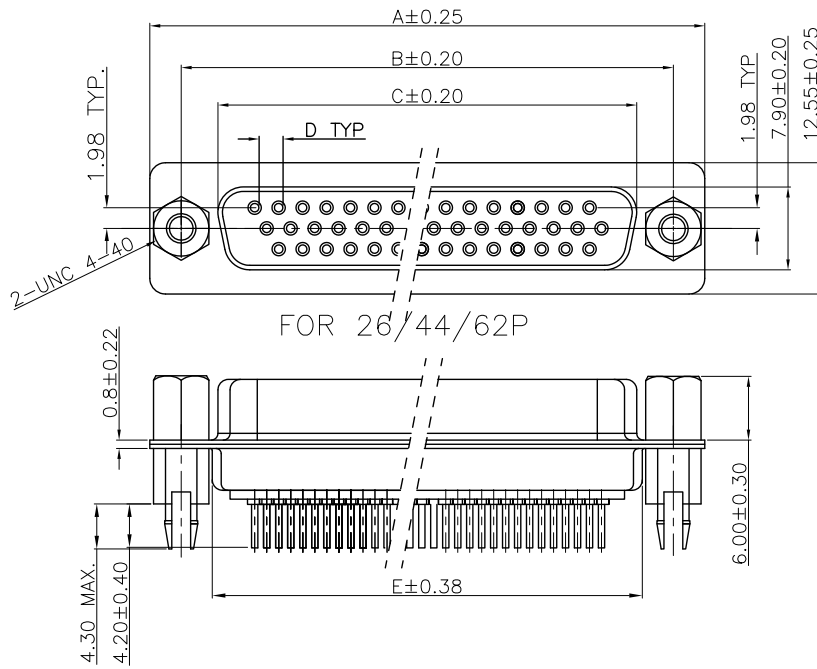


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REMARK:

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: 10090929-S XX X X LF

SERIES NO. —
TYPE S: SOCKET (FEMALE)
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 SCREWS/LOCKS
CONTACT FINISH
A: FLASH GOLD
B: 30u" GOLD

POS.	A	B	C	D	E
15	30.81	24.99	16.33	2.29	19.10
26	39.24	33.32	24.66	2.29	27.75
44	53.04	47.04	38.38	2.29	41.30
62	69.32	63.50	54.84	2.41	57.40

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI					
ltr	ecr no	dr	date	linear	.X ± 0.38	projection	title	www.fciconnect.com					
B					.XX ± 0.25								
					.XXX ± 0.10								
				angles	0° ± 2°		H/D D-SUB FEMALE STRAIGHT						
				dr	JASON HSU 10/19/10			MM	product family D-SUB	code			
				engr	JASON HSU 10/19/10						size dwg no	TWN	
				chr	GARY HSIEH 10/19/10								
				appd	JOSEPH HSIA 10/19/10	scale	A4	10090929	sheet 2 of 5				
sheet index	revision	sheet											

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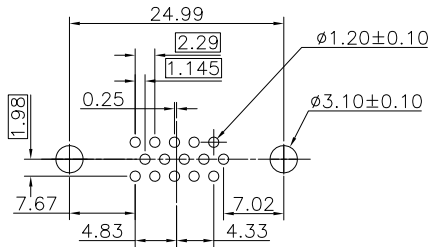
4

ACAD

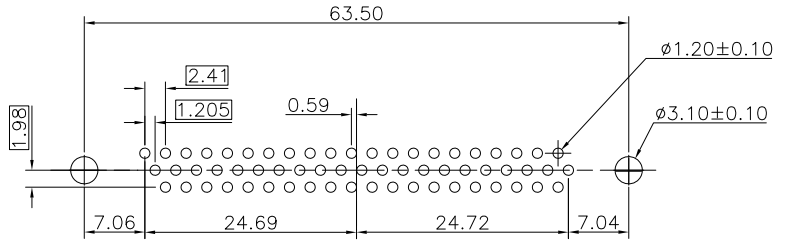
PDM: Rev:B

STATUS:Released

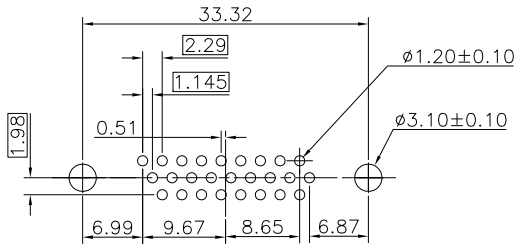
Printed: Nov 02, 2010



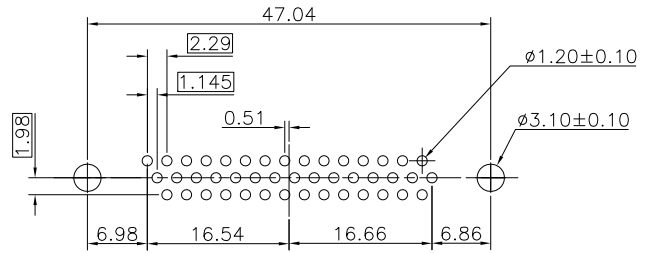
P.C.B LAYOUT(FOR 15P)



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 FEMALE STRAIGHT PCB	product family	D-SUB	code
B					.XX ± 0.25						
					.XXX ± 0.10						
				angles	0° ±2°	MM	size	dwg no	A4	10090929	sheet 3 of 5
				dr	JASON HSU 10/19/10						
				enrg	JASON HSU 10/19/10						
				chr	GARY HSIEH 10/19/10	scale	1:1				
				appd	JOSEPH HSIA 10/19/10						
sheet index	revision	sheet									

ACAD

PDM: Rev:B

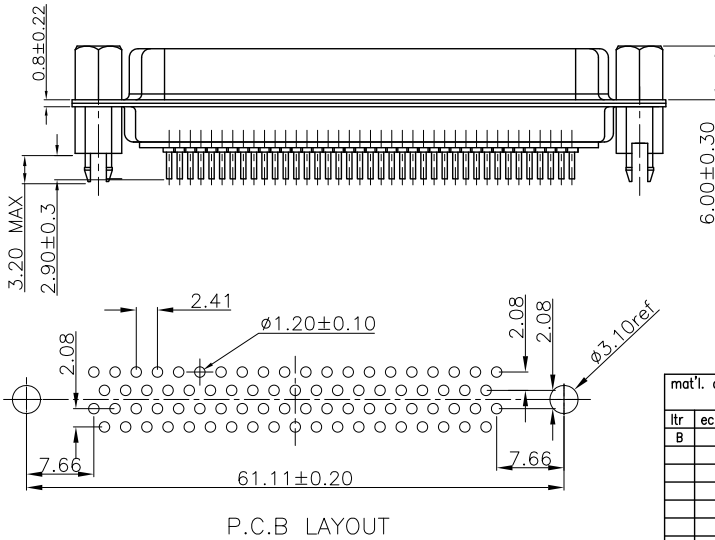
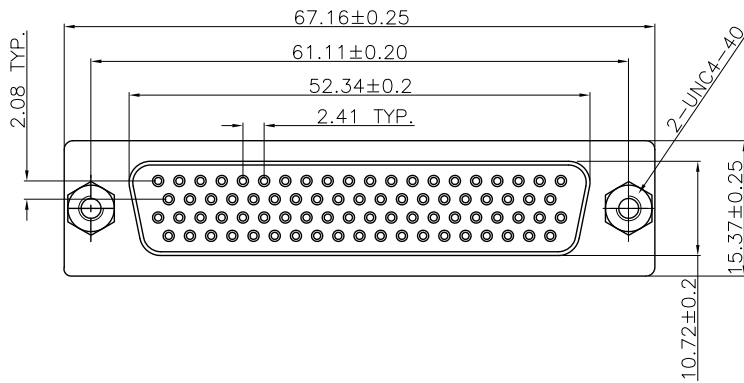
STATUS:Released

Printed: Nov 02, 2010

1 | 2

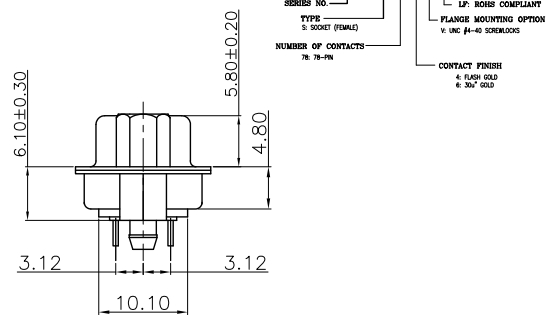
3

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P.C.B LAYOUT

- REMARK:
- CHARACTERISTICS:
 - RATED VOLTAGE: 250V
 - RATED CURRENT: 2.5AMP
 - CONTACT RESISTANCE: 35mohms MAX. INITIAL, 50mohms MAX. AFTER.
 - INSULATION RESISTANCE: 5000Mohms MIN. at 500V DC
 - DIELECTRIC STRENGTH: 750V/RMS
 - 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.
 - 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.
 - PART NUMBER DESCRIPTION:



PART NO.: 10090929-S78*VLF

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.38	projection		www.fciconnect.com	
B					.XX ± 0.25			title	
				angles	.XXX ± 0.10			H/D D-SUB FEMALE STRAIGHT	
				dr	0° ±2°				
				enrg	JASON HSU 10/19/10	MM		product family D-SUB	
				chr	JASON HSU 10/19/10	scale		size dwg no	
				appd	GARY HSIEH 10/19/10	1:1		A4 10090929	
					JOSEPH HSIA 10/19/10			code TWN	
sheet index	revision sheet							sheet 5 of 5	

ACAD

PDM: Rev:B

STATUS:Released

Printed: Nov 02, 2010

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cage code