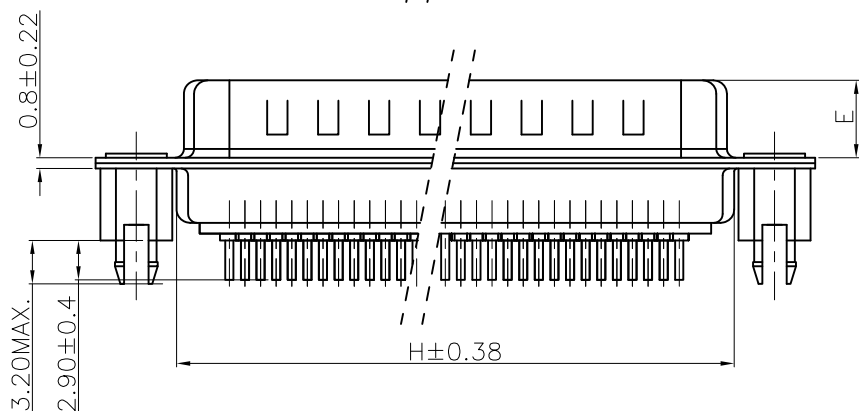
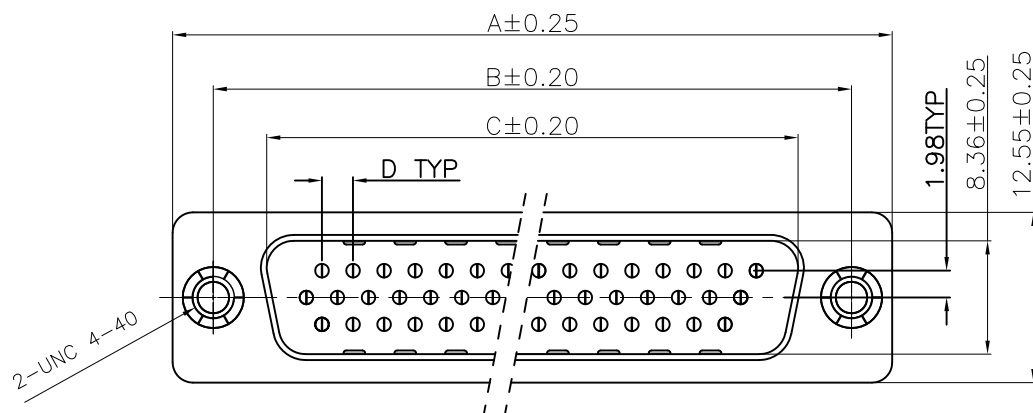


FOR 15P

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. Type H Insulator will withstand exposure to 260° C peak
temperature for 10 seconds maximum in a wave soldering application

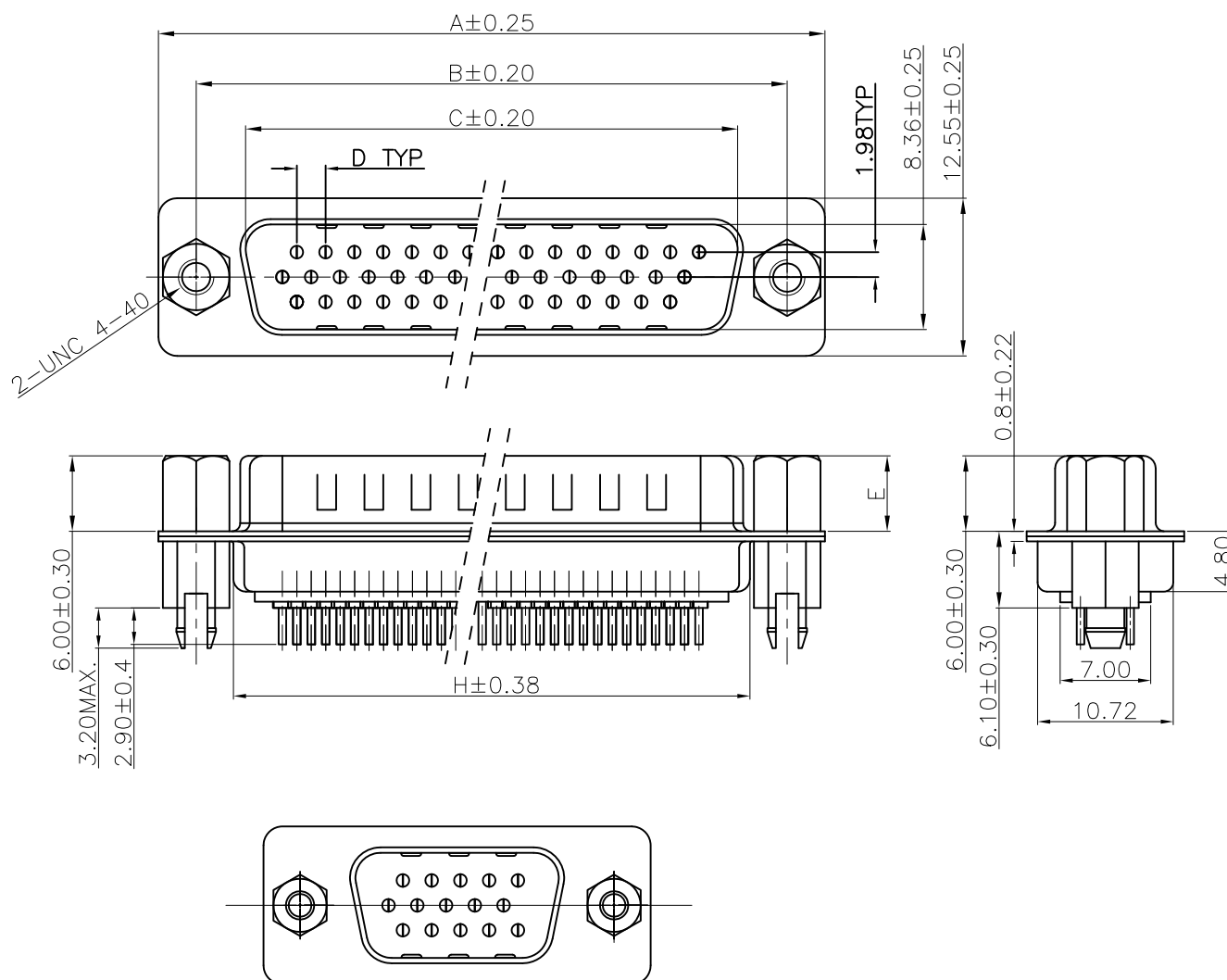
4. PART NUMBER DESCRIPTION:

10090928-P XX X X LF		LF: ROHS COMPLIANT	
SERIES NO.		FLANGE MOUNTING OPTION	
TYPE		X: UNC #4-40 CLINCHNUTS	
P: PIN (MALE)			
H: PAST Material (See Note 3)			
NUMBER OF CONTACTS		CONTACT FINISH	
15: 15-PIN		4: GOLD FLASH	
26: 26-PIN		6: 30u" GOLD	
44: 44-PIN			

POS.	PART NO.	THREAD TYPE
15	10090928-P15*XL	UNC #4-40
26	10090928-P26*XL	UNC #4-40
44	10090928-P44*XL	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

mat'l. code				surface	tolerance	projection	product family	
				ISO 1302	ISO 406 ISO 1101		D-SUB	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
E	ELX-1-20972	AB	2015/05/30	angles	.0±0.38	mm	HD D-SUB MALE STRAIGHT	
F	ELX-1-25813	GREGAR	2016/10/31	linear	.00±0.25			
G	ELX-1-27111	MP	2017/05/27	0°±2°	.000±0.010			
				dr	JASON HSU	2009/10/12	dwg no	
				engr	MITHUN PAUL	2016/10/31	sheet 1 of 3	
				chr	GREGAR MATHEW	2016/10/31	10090928	
				appd	BIJU K PAUL	2016/10/31	size	
							A4	
							type	
							Product Customer Drawing	
sheet	revision	G	G	G				
index	sheet	1	2	3				



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. Type H Insulator will withstand exposure to 260° C peak temperature for 10 seconds maximum in a wave soldering application

4. PART NUMBER DESCRIPTION:

10090928-P XX Y V LF

SERIES NO. _____

TYPE _____

P: PIN (MALE)

H: PART Material (See Note 3)

NUMBER OF CONTACTS _____

15: 15-PIN

26: 26-PIN

44: 44-PIN

CONTACT FINISH _____

6: 60°C GOLD

4: GOLD FLASH

LF: ROHS COMPLIANT

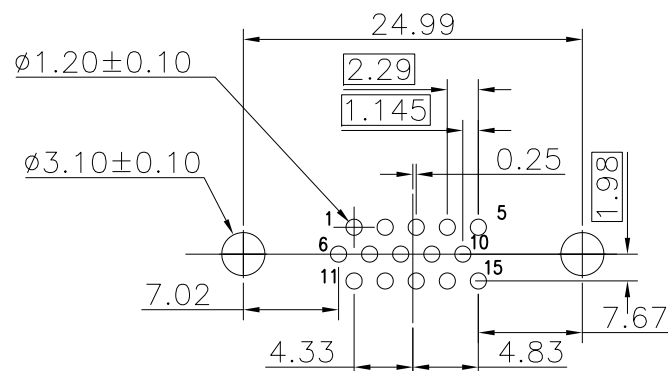
PLF: MOUNTING OPTION

V: UNC #4-40 SCREWS/LOCKS

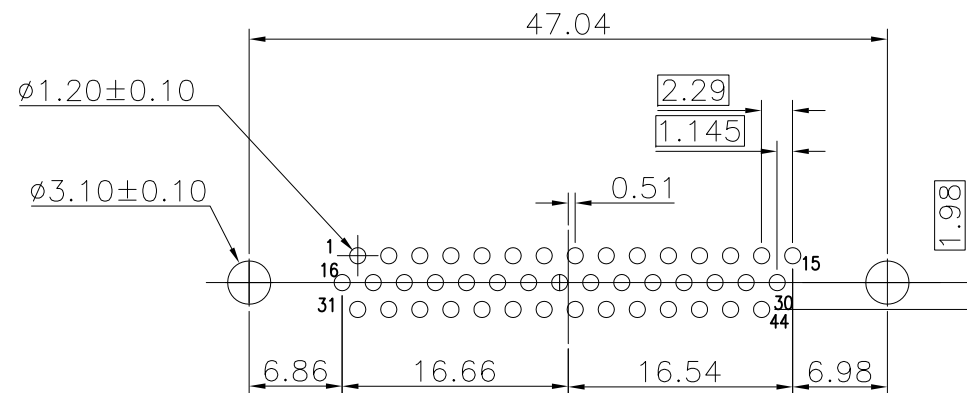
POS.	PART NO.
15	10090928-P15*VLF
26	10090928-P26*VLF
44	10090928-P44*VLF

POS.	A	B	C	D	E	H
15	30.81	24.99	16.92	2.29	5.90×10^{-25}	19.10
26	39.24	33.32	25.25	2.29	5.90×10^{-25}	27.75
44	53.04	47.04	38.96	2.29	5.70×10^{-25}	41.30

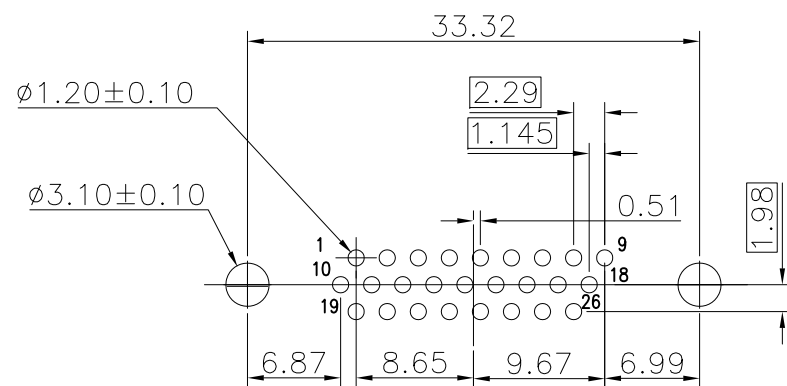
[illegible]



P.C.B LAYOUT(FOR 15P)



P.C.B LAYOUT(FOR 44P)



P.C.B LAYOUT(FOR 26P)

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family D-SUB			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
G				angles	linear		HD D-SUB MALE STRAIGHT			
				0°±2°	linear		scale N.T.S.			
				dr	JASON HSU	2009/10/12	dwg no			
				engr	MITHUN PAUL	2016/10/31	sheet 3 of 3			
				chr	GREGAR MATHEW	2016/10/31	10090928			
				app	BIJU K PAUL	2016/10/31	type			
sheet index	revision	sheet					Product Customer Drawing			