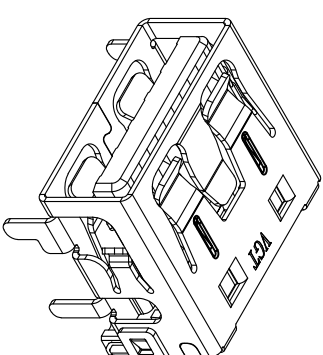
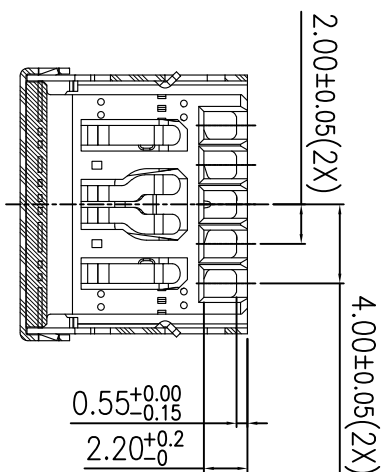
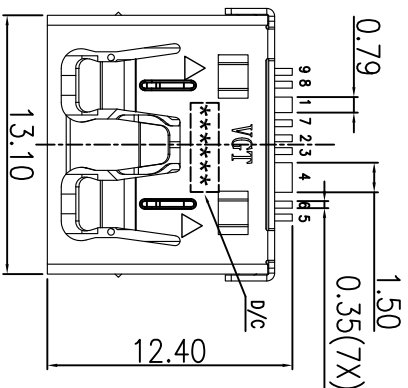
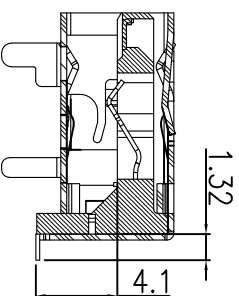
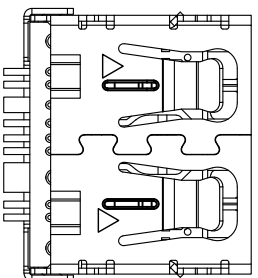
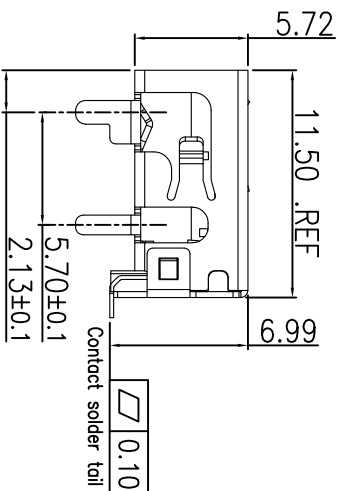




Section A-A



NOTES:

- ELECTRICAL CHARACTERISTICS:
 - 1-1 CONTACT CURRENT RATING:
1.8A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - 1-2 CONTACT RESISTANCE:
INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
AFTER DURABILITY 10 MILLIOHMS MAX CHANGE.
 - 1-3 DIELECTRIC WITH STANDING: 100 MEGOHMS MIN
- MECHANICAL CHARACTERISTICS:
 - 2-1 CONNECTOR MATING FORCE: 35N MAX
 - 2-2 CONNECTOR UNMATING FORCE: 10N MIN INITIAL,8N MIN AFTER DURABILITY.
 - 2-3 DURABILITY: 5000 CYCLES.
 - 2-4 OPERATING TEMPERATURE RANGE: -20°C TO +85°C
- DIMENSIONS ARE IN MILLIMETERS. BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE 260°C
- THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.
- WHEN PLUG IS INSERTED INTO CONNECTOR IN WORSE CONDITION, SPRING TIP TOUCH PCB. SO INHIBIT CIRCUIT IN SPRING TIP AREA.

PART NUMBER : JCN-31AG-UHAB-XXX1

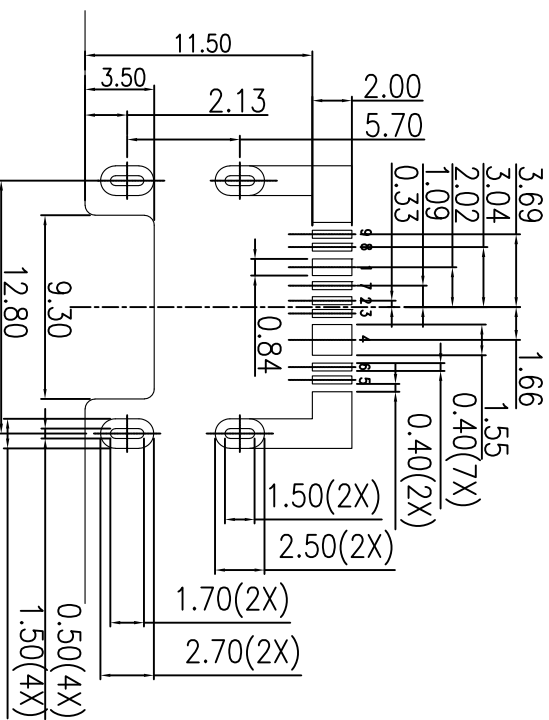
Plastic Color:
A=Blue
B=Black

Gold Plating:
G=Gold Flash
A=3u"
B=6u"
C=10u"
D=15u"
E=30u"

Package:
R=Taping Reel
T=Tray

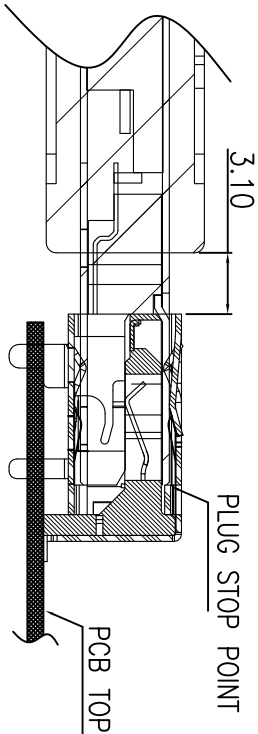
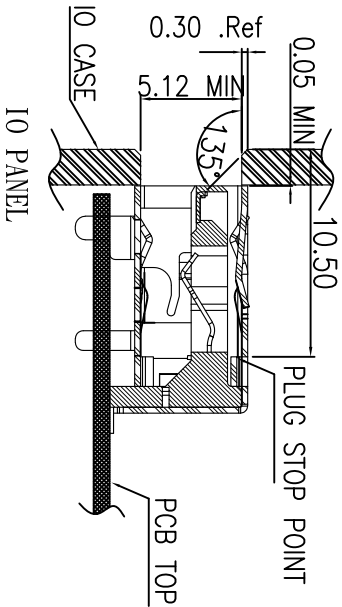
Section B-B

CHECKED		NAME		USBS3.1 Gen1 A1 Row SMT/Offset 4.13mm/Dip Shell/Receptacle		HF		 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE		ROHS			
APPROVED		Dimension Range Tolerance		UNIT		PART NO.		 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
Marvin		X.X		mm		JCN-31AG-UHAB-XXX1			
		X.X		SIZE		SHEET		 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
		±0.35		A4		1/2			
		X.XX						 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
		X.XXX							
		ANGLE		±5°		DOC. NO.		 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
						JCN-31AG-UHAB-XXX1			
REV.								 V-GENERAL TECHNOLOGY 維將科技股份有限公司	
A									



RECOMMENDED P.C.B LAYOUT TOP VIEW
TOLERANCES ± 0.05MM

PIN ASSIGNMENT		
Pin Number	Signal Name	Description
1	VBUS	POWER
2	D-	USB2.0 differential pair
3	D+	
4	GND	Ground for Power Return
5	SS RX-	Superspeed receiver differential pair
6	SS RX+	
7	GND DRAIN	Ground for Power Return
8	SS TX-	Superspeed transmitter differential pair
9	SS TX+	



PLUG INTO RECEPTACLE REPRESENT

CHECKED		NAME		USB3.1 Gen1 A1 Row SMt,Offset 4.13mm,Dip Shell,Receptacle	
Steve		SCALE		UNIT	
APPROVED		NA		mm	
Marvin		SIZE		SHEET	
REV.		A		2/2	
A		X.X		±0.35	
X1		X.XX		±0.25	
MARK		X.XXX		±0.15	
REVISION RECORD		ANGLE		±5°	
1		2		3	
4		5		Design drawing	

增加鐵殼凸肋	STEVE	090523
NEW DESIGN	DRAWN	121019
REVISION RECORD	DRAWN	MMDDYY

HF	RoHS
PART NO.	
JCN-31AG-UHAB-XXX1	
DOC. NO.	
JCN-31AG-UHAB-XXX1	
THIS IS A ROHS COMPLIANT COMPONENT PRODUCT	
V-GENERAL TECHNOLOGY	
維將科技股份有限公司	