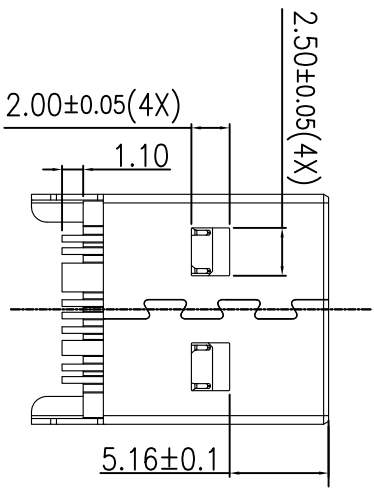
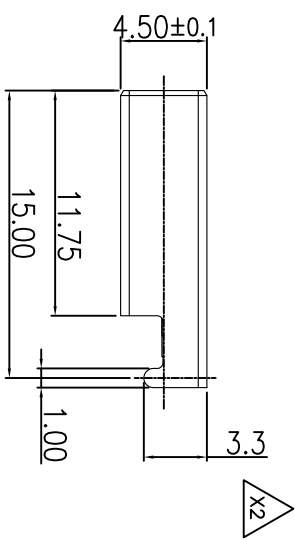
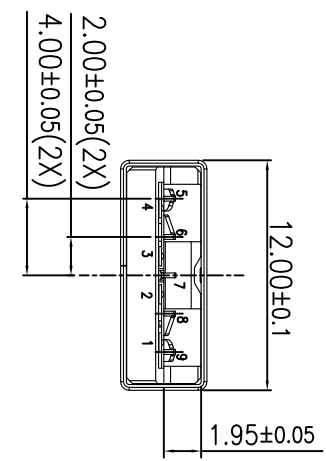
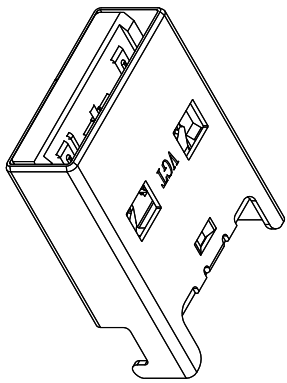
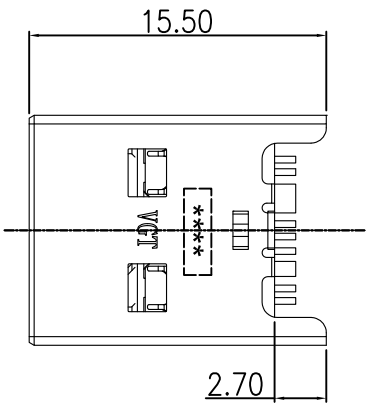


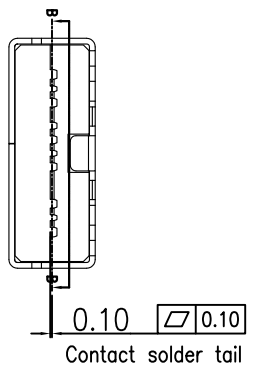


PART NUMBER : JCN-31A2-UAAA-XXX1

Plastic Color: _____
A=Blue
B=Black

Gold Plating:
G=Gold Flash
A=30u"
B=60u"
C=10u"
D=15u"
E=30u"

Package:
K=Reel
T=Flare
U=Tube



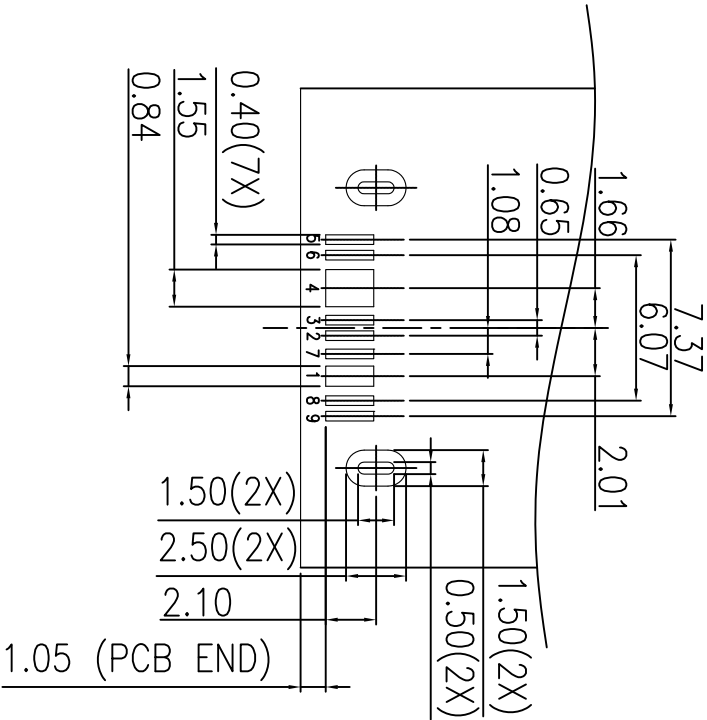
NOTES:

1. 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
2. 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
3. DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
4. RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE 260°C
5. THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.
6. WHEN PLUG IS INSERTED INTO CONNECTOR IN WORSE CONDITION, SPRING TIP TOUCH PCB. SO INHIBIT CIRCUIT IN SPRING TIP AREA.

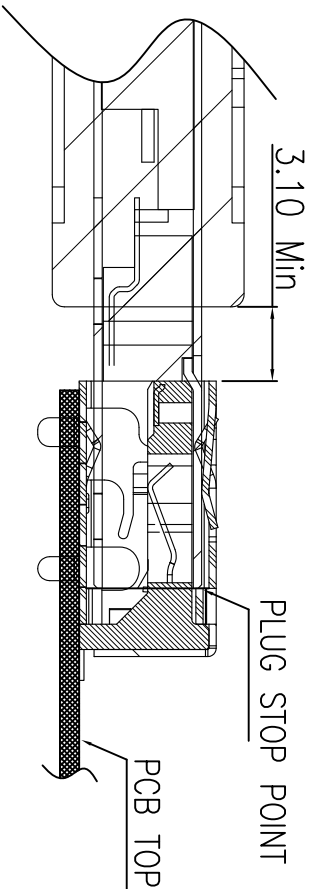
CHECKED		NAME		USB3.2 Gen2 A1 Row SMT, offset 0.10mm, Dip Shell, Plug	
Steve		SCALE		UNIT	
APPROVED		N/A		mm	
Marvin		Material/Finishes		① SHIELD : STAINLESS STEEL/NICKEL PLATING	
REVISION		X.X		±0.35	
X2		X.XX		±0.25	
X2		X.XXX		±0.15	
X2		ANGLE		±5°	
X2		SIZE		A4	
X2		SHEET		1/2	
X2		② CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.			
X2		PART NO.		JCN-31A2-UAAA-XXX1	
X2		DOC. NO.		JCN-31A2-UAAA-XXX1	
X2		Hf		RoHS	
X2		V-GENERAL TECHNOLOGY		維將科技股份有限公司	

△X0	NEW DESIGN	DRAWN	MMDDYY
MARK	REVISION RECORD	DRAWN	070820

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+	



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



PLUG INTO RECEPTACLE REPRESENT

CHECKED		NAME		HF	
Steve		USB3.2 Gen2 A.1 Row SMT,offset 0.10mm,Dip Shell,Plug		RoHS	
APPROVED		SCALE		PART NO.	
Marvin		N/A		JCN-31A2-UAAA-XXX1	
Dimension Range Tolerance		UNIT		DOC. NO.	
X.X		mm		JCN-31A2-UAAA-XXX1	
X.X		SIZE		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
X.XXX		SHEET		V-GENERAL TECHNOLOGY	
X.XXX		2/2		維將科技股份有限公司	
ANGLE		② CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.		Design drawing	
±5°					
X2		4			
REV.		3			
X2		5			
NEW DESIGN		DRAWN			
REVISION RECORD		DRAWN			
1		070820			