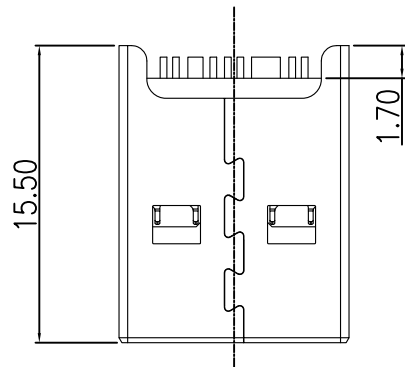
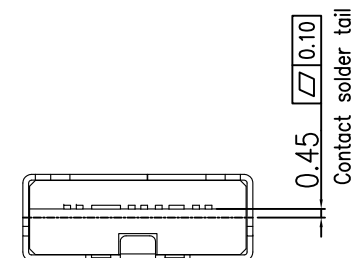
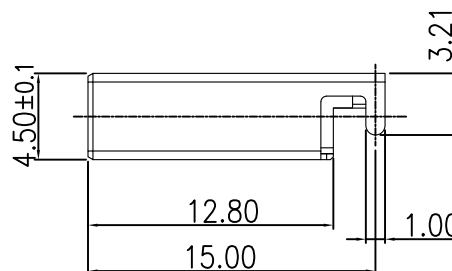
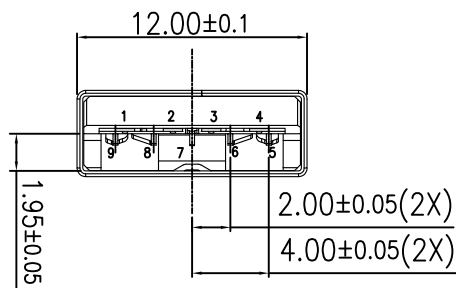


PART NUMBER : JCN-31AB-UBAA-XXX1

Plastic Color:
A=Blue
B=Black

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

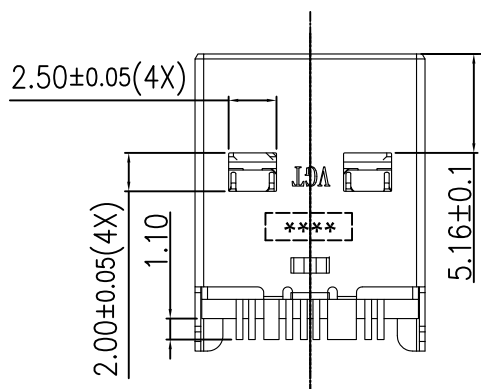
Package:
R=Taping Reel
T=Tary
U=Tube



Contact solder tail

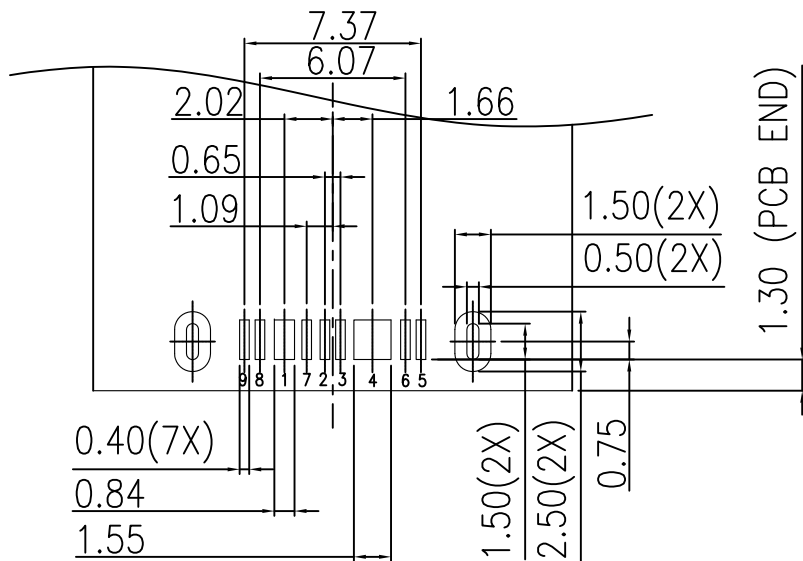
NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
1.8A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - 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,
 - DIELECTRIC WITH STANDING: 100 MEGOHMS MIN
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR MATING FORCE: 35N MAX
 - CONNECTOR UNMATING FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY.
 - DURABILITY: 5000 CYCLES.
 - 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.



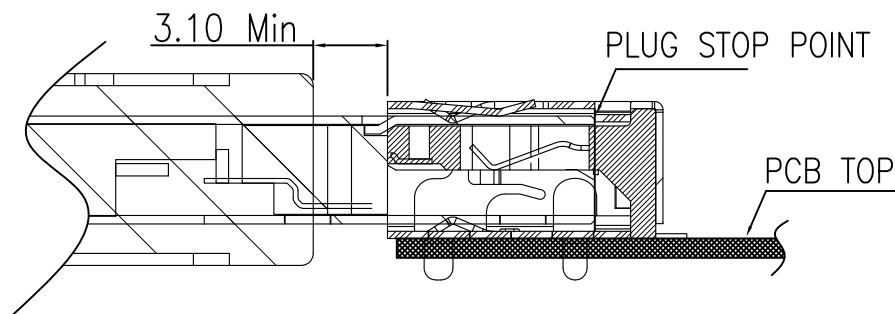
CHECKED		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME		USB3.1 Gen1 A.1 Row SMT,Offset(Bottom)0.45mm,Dip Shell,Plug		HF RoHS  THIS IS A RoHS COMPLIANT COMPONENT PRODUCT.	 V-GENERAL TECHNOLOGY 維將科技股份有限公司
Steve				SCALE	UNIT				
APPROVED		NA	mm						
REV.	X1 	Dimension Range	Tolerance	SIZE	SHEET	DOC. NO. JCN-31AB-UBAA-XXX1			
		X.X	±0.35						
		X.XX	±0.25						
		X.XXX	±0.15						
		ANGLE	±5°						

△ X1	NEW DESIGN	DRAWN	MMDDYY
MARK	REVISION RECORD	DRAWN	121119



RECOMMENDED P.C.B LAYOUT TOP VIEW
TOLERANCES $\pm 0.05\text{MM}$

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 Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME USB3.1 Gen1 A,1 Row SMT,Offset(Bottom)0.45mm,Dip Shell,Plug		HF RoHS 		 V-GENERAL TECHNOLOGY 維將科技股份有限公司			
				APPROVED Marvin				SCALE NA	UNIT mm					Material/Plated/Notes ① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPERATURE PLASTIC	PART NO. JCN-31AB-UBAA-XXX1
				REV. X1		Dimension Range	Tolerance	SIZE A4	SHEET 2/2	③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.	DOC. NO. JCN-31AB-UBAA-XXX1				
△ X1		NEW DESIGN				DRAWN								MMDDYY'	
MARK		REVISION RECORD				DRAWN								121119	