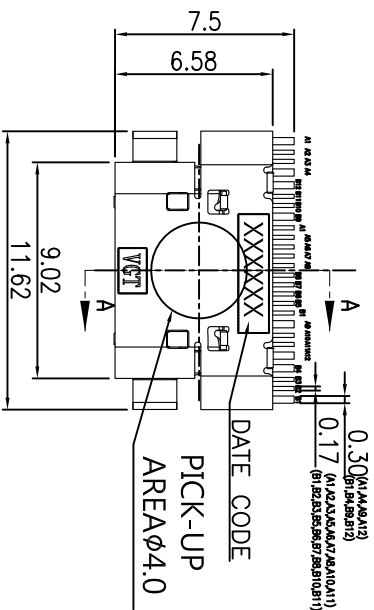
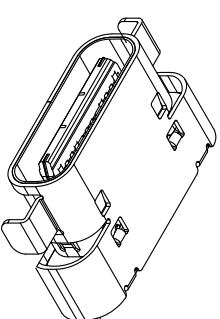


Section A-A

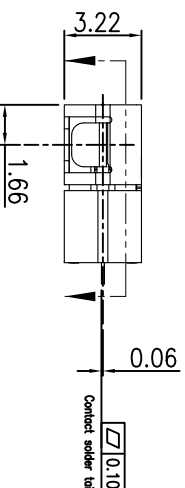
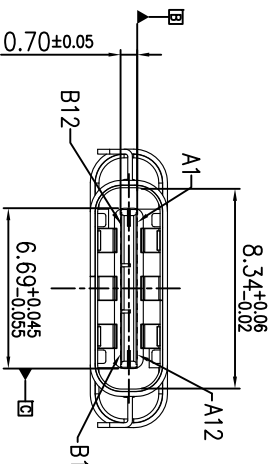


PART NUMBER : JCN-32CG-UAAA-XXX1

Plastic Color: _____
 A=Blue
 B=Black

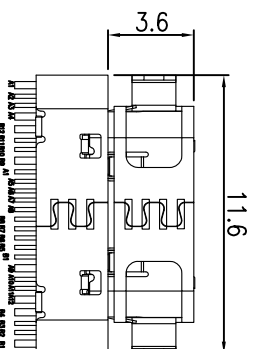
Gold Plating:
 G=Gold Flash
 A=3u"
 B=6u"
 C=10u"
 D=15u"
 E=30u"

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



NOTES:

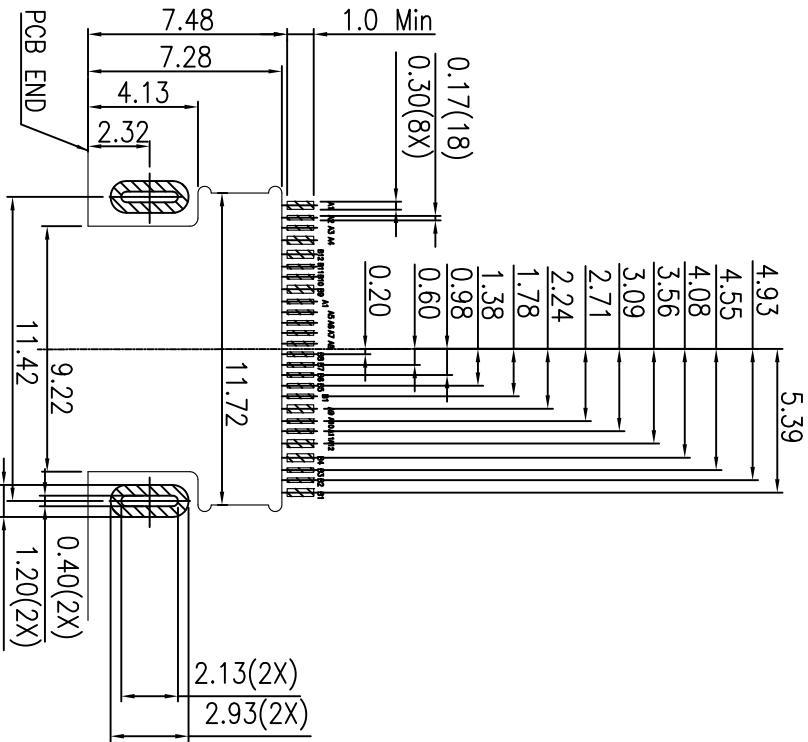
- ELECTRICAL CHARACTERISTICS:
 - 1-1 CONTACT CURRENT RATING:
1.25A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - 1-2 CONTACT RESISTANCE:
INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 40 MILLIOHMS MAX FOR ALL OTHER CONTACT,
AFTER DURABILITY 10 MILLIOHMS MAX CHANGE.
 - 1-3 DIELECTRIC WITH STANDING: 100 MEGOHMS MIN
- MECHANICAL CHARACTERISTICS:
 - 2-1 CONNECTOR MATING FORCE: 5~20N
 - 2-2 CONNECTOR UNMATING FORCE: 8N~20N INITIAL, 6N~20N AFTER DURABILITY.
 - 2-3 DURABILITY: 10000 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.



Section B-B

CHECKED		NAME				USB3.2 Gen2x2 C1 Rev. 3.0 0.06mm Dlp Shell, RoHS Compliant	
Leon		SCALE				UNIT	
APPROVED		Material/Plated/finishes				NA	
Xavier		① SHIELD : STAINLESS STEEL/NICKEL PLATING				② HOUSING : HIGH TEMPERATURE PLASTIC	
REV.		③ CONTACTS : COPPER ALLOY/NICKEL				DOC. NO.	
X1		UNTERPLATED OVERALL LDD FREE FIN				JCN-32CG-UAAA-XXX1	
X1		ALLOY AT TERMINATION.					
X1							
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PIN ASSIGNMENT		
Pin Number	Signal Name	Description
A1	GND	Ground for Power Return
A2	SS TX1+	Positive half of first SuperSpeed TX differential pair
A3	SS TX1-	Negative half of first SuperSpeed TX differential pair
A4	VBUS	POWER
A5	CC1	Configuration Channel
A6	D+	USB2.0 differential pair
A7	D-	
A8	SBU1	Sideband Use (SBU)
A9	VBUS	POWER
A10	SS RX2-	Negative half of second SuperSpeed RX differential pair
A11	SS RX2+	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground for Power Return
B12	GND	Ground for Power Return
B11	SS RX1+	Positive half of first SuperSpeed RX differential pair
B10	SS RX1-	Negative half of first SuperSpeed RX differential pair
B9	VBUS	POWER
B8	SBU2	Sideband Use (SBU)
B7	D-	USB2.0 differential pair
B6	D+	
B5	CC2	Configuration Channel
B4	VBUS	POWER
B3	SS TX2-	Negative half of second SuperSpeed TX differential pair
B2	SS TX2+	Positive half of second SuperSpeed TX differential pair
B1	GND	Ground for Power Return



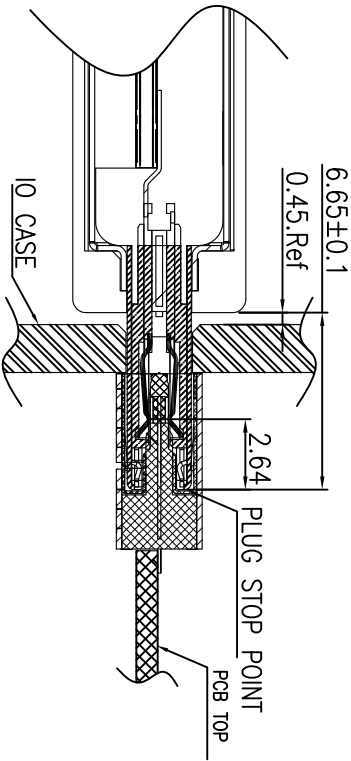
RECOMMEND PCB LAYOUT

TOP VIEW Tolerance:±0.05mm



SOLDER AREA

Tolerance:±0.05mm



PLUG INTO RECEPTACLE REPRESENT

CHECKED		NAME	
Leon		USB3.2 Gen2x2 C1 Rev. SMT Contact 0.06mm, 0.15mm, 0.25mm, 0.35mm, 0.50mm, 0.63mm, 0.80mm, 1.0mm, 1.27mm, 1.52mm, 1.78mm, 2.0mm, 2.54mm, 3.0mm, 3.5mm, 4.0mm, 5.0mm, 6.3mm, 8.0mm, 10.0mm, 12.7mm, 15.2mm, 20.0mm, 25.4mm, 30.0mm, 35.0mm, 40.0mm, 50.0mm, 60.0mm, 70.0mm, 80.0mm, 90.0mm, 100.0mm, 120.0mm, 150.0mm, 200.0mm, 250.0mm, 300.0mm, 350.0mm, 400.0mm, 450.0mm, 500.0mm, 550.0mm, 600.0mm, 650.0mm, 700.0mm, 750.0mm, 800.0mm, 850.0mm, 900.0mm, 950.0mm, 1000.0mm	
Xavier		Material/Plating/Notes	
X.X		①SHIELD : STAINLESS STEEL/NICKEL PLATING	
X.XX		②HOUSING : HIGH TEMPERATURE PLASTIC	
X.XXX		③CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.	
X.XXX		SIZE	
X.XXX		A4	
X.XXX		SHEET	
X.XXX		2/2	
X.XXX		DOC. NO.	
X.XXX		JCN-32CG-UAAA-XXX1	
X.XXX		JCN-32CG-UAAA-XXX1	
X.XXX		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
X.XXX		V-GENERAL TECHNOLOGY	
X.XXX		維精科技股份有限公司	

NEW DESIGN		DRAWN	
REVISION RECORD		DRAWN	
1		050620	