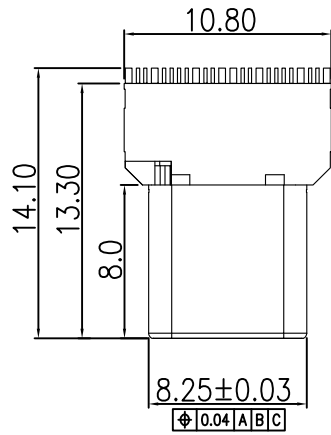
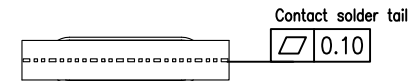
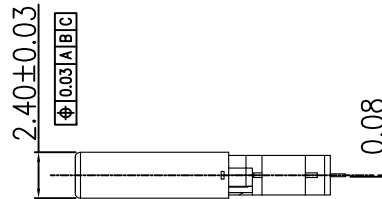
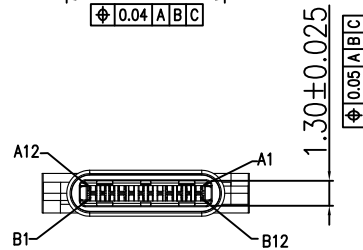


PART NUMBER : JCN-31CA-BAAC-XXX1

Plastic Color:
A=Blue
B=Black

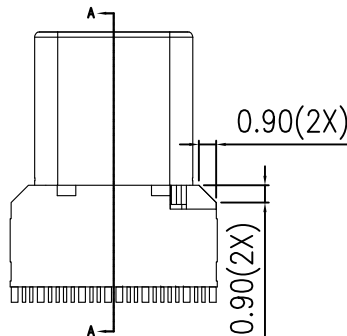
Gold Plating:
G=Gold Flash
A=3u"
B=6u"
C=10u"
D=15u"
E=30u"

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



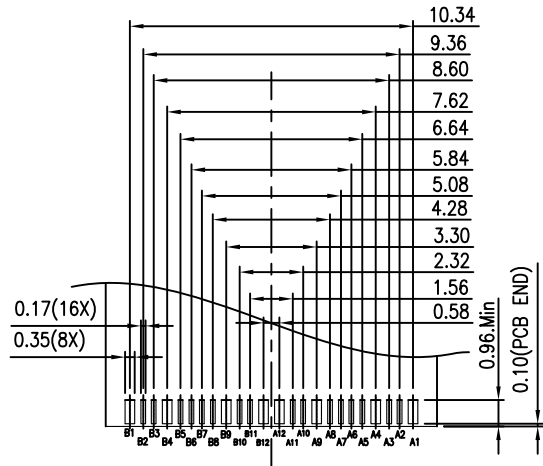
NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
1.25A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - CONTACT RESISTANCE:
INITIAL 40 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
 - DIELECTRIC WITH STANDING: WITHSTAND 100 VAC (RMS)
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE: 5N~20N .
 - CONNECTOR EXTRACTION FORCE: 8~20N MIN INITIAL, 6~20N MIN AFTER DURABILITY.
 - DURABILITY: 10000 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.



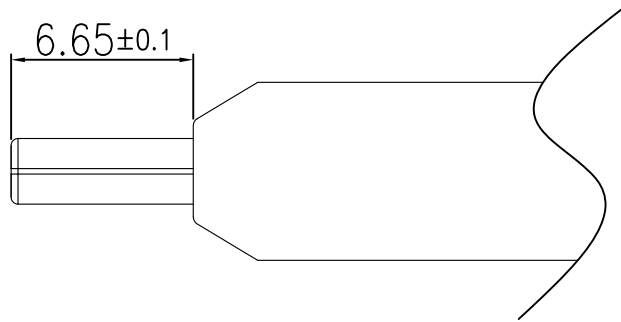
CHECKED Leon		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME USB3.2 Gen2 C,1 Row SMT,Offset 0.075mm,Pipe Shell,Plug		PART NO. JCN-31CA-BAAC-XXX1		HF RoHS		V-GENERAL TECHNOLOGY	
APPROVED Xavier		Dimension Range		SCALE NA		Material/Plated/Notes ① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPERATURE PLASTIC		DOC. NO. JCN-31CA-BAAC-XXX1		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
REV. X1		Tolerance		UNIT mm		SIZE A4		SHEET 1/2		V-GENERAL TECHNOLOGY	
X0		X.X		±0.35		CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.				維將科技股份有限公司	
MARK		X.XX		±0.25							
		X.XXX		±0.15							
		ANGLE		±5°							

NEW DESIGN	DRAWN	MMDDYY
REVISION RECORD	DRAWN	121219

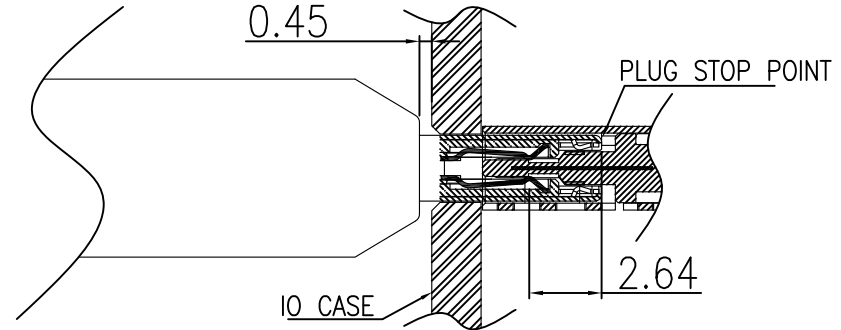


RECOMMENDED P.C.B LAYOUT TOP VIEW
TOLERANCES $\pm 0.05\text{MM}$

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	
B7		
B6		
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



PLUG LENGTH



PLUG INTO RECEPTACLE REPRESENT

CHECKED Leon		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME USB3.2 Gen2 C,1 Row SMT,Offset 0.075mm,Pipe Shell,Plug		SCALE NA		UNIT mm		PART NO. JCN-31CA-BAAC-XXX1		HF RoHS		V-GENERAL TECHNOLOGY			
APPROVED Xavier		Dimension Range		Tolerance		SIZE A4		SHEET 2/2		DOC. NO. JCN-31CA-BAAC-XXX1		THIS IS A RoHS COMPLIANT COMPONENT PRODUCT.		維將科技股份有限公司			
REV. X1		X.X		±0.35		X.XX		±0.25		X.XXX		±0.15		ANGLE		±5°	
△ X0		NEW DESIGN		DRAWN		MMDDYY		121219									
MARK		REVISION RECORD		DRAWN													
1		2		3		4		5		Design drawing							