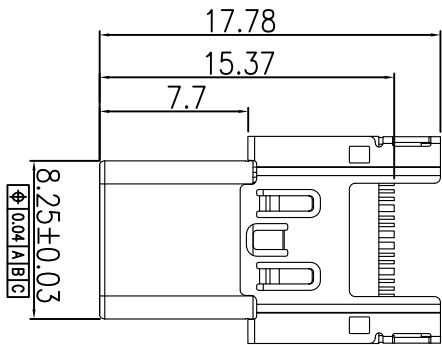


PART NUMBER : JCN-U4CA-ACAM-XXX1

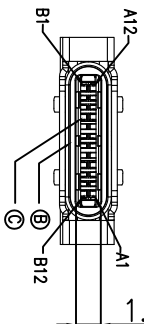
Plastic Color: _____
A=Blue
B=Black

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

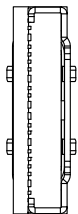
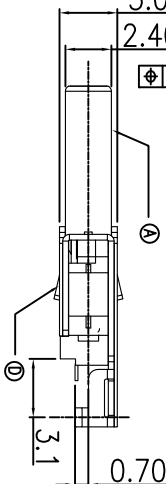
Package:
R=Reel
T=Tape
U=Tube



1.30±0.025
0.05 A B C



3.02
2.40±0.03
0.03 A B C

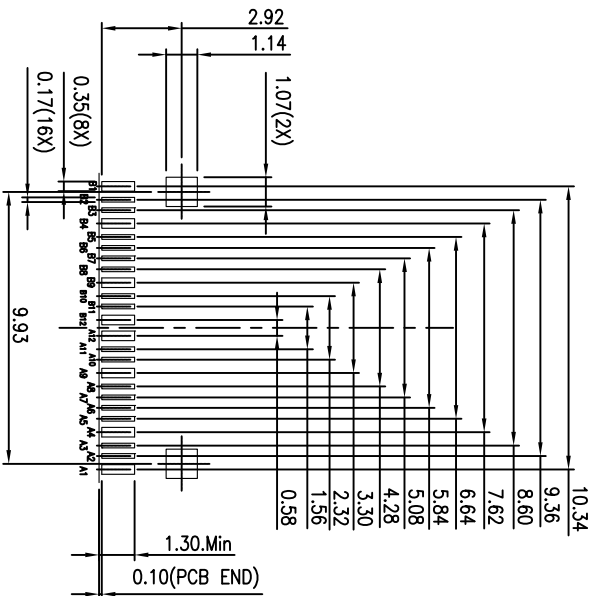


Contact solder tail

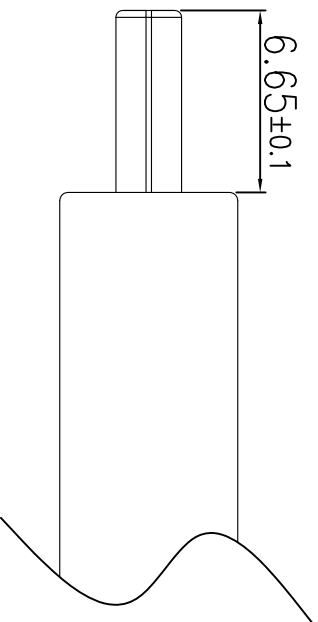
NOTES:

- 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 Gen3x2/Gen3 (USB4 Gen3x2/Gen3) C.1 Row SMT,Offset 0.7mm,Shell SMT,Plug		SCALE UNIT NA		mm		SHEET 1/2		PART NO. JCN-U4CA-ACAM-XXX1		HF ROHS 		 維將科技股份有限公司	
APPROVED Xavier		Dimension Range Tolerance		X.X		±0.35		SIZE		A4		1/2		DOC. NO. JCN-U4CA-ACAM-XXX1		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.			
				X.XX		±0.25		SIZE		A4		1/2							
REV. X1				X.XXX		±0.15		ANGLE		±5°									
NEW DESIGN		DRAWN		MMDDYY'															
REVISION RECORD		DRAWN		121219															
MARK																			
1		2		3		4		5		Design drawing									

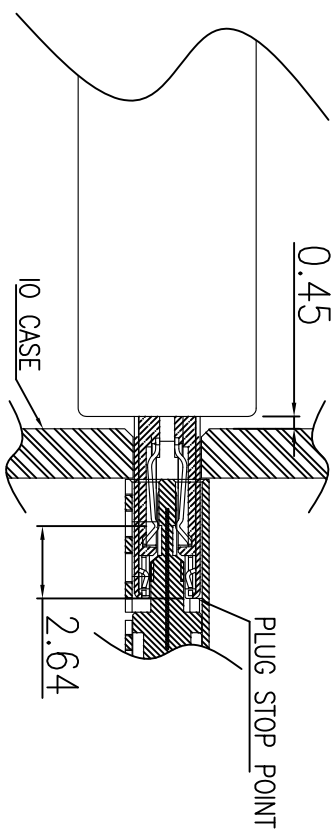


RECOMMANDED P.C.B LAYOUT TOP VIEW
TOLERANCES ± 0.05MM



PLUG LENGTH

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 INTO RECEPTACLE REPRESENT

CHECKED		NAME	
Leon		USB3.2 Gen3x2/Gen3 (USB4 Gen3x2/Gen3) C1 Rev. SMT/Plating 0.7mmShell SMT/Plug	
APPROVED		SCALE	
Xavier		UNIT	
		mm	
		DIMENSIONAL TOLERANCES	
		X.X	
		±0.35	
		X.XX	
		±0.25	
		X.XXX	
		±0.15	
		ANGLE	
		±5°	
REV.		SIZE	
X1		A4	
		SHEET	
		2/2	
		① CONTACTS : COPPER ALLOY/NICKEL	
		② SHIELD : STAINLESS STEEL/NICKEL PLATING	
		③ HOUSING : HIGH TEMPERATURE PLASTIC	
		④ UNDERPLATED RECEPTACLE LEAD FREE TIN	
		⑤ ALLOY AT TERMINATION:	
		⑥ THROUGH HOLE SHELL: SPCG/NICKEL PLATING	
		PART NO.	
		JCN-U4CA-ACAM-XXX1	
		DOC. NO.	
		JCN-U4CA-ACAM-XXX1	
		HIF	
		ROHS	
		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
		V-GENERAL TECHNOLOGY	
		維將科技股份有限公司	
		Design drawing	
NEW DESIGN		DRAWN	
REVISION RECORD		121219	
MARK		1	