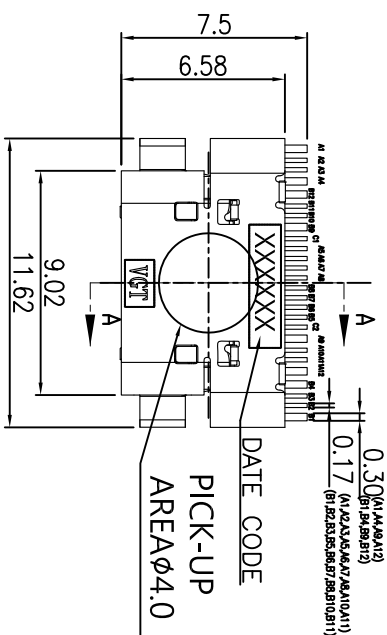
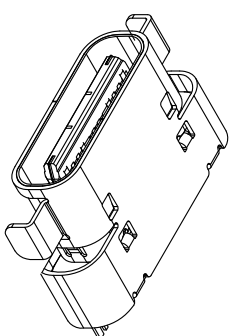
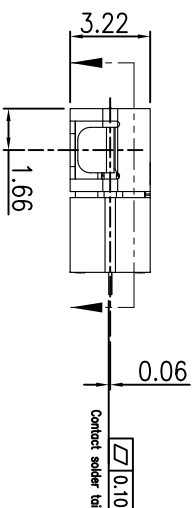
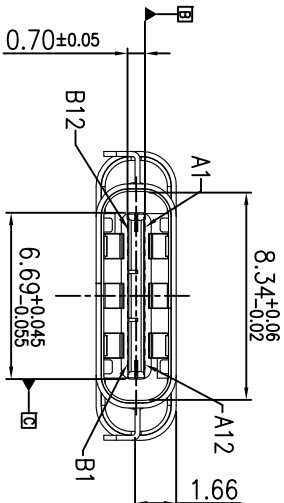


PART NUMBER : JCN-U4CG-UAAA-XXX1

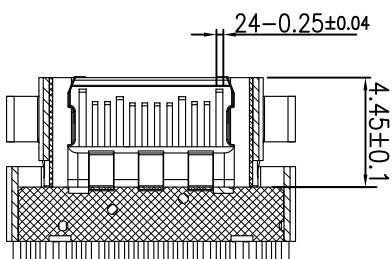
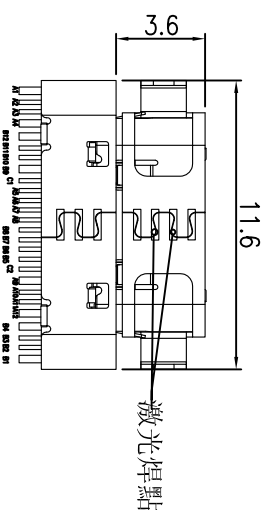
Plastic Color: _____
Package: _____
B=Black R=Flapping Reel

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



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
- 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.



Section B-B

CHECKED		NAME		USP4 C1 Row SMT/Offset 0.06mm Dlg Shell/faceplate		PART NO.		HF		V-GENERAL	
Steve		SCALE		UNIT		JCN-U4CG-UAAA-XXX1		ROHS		TECHNOLOGY	
APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE		mm		JCN-U4CG-UAAA-XXX1		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT		維將科技股份有限公司	
KL		Dimension Range Tolerance		SIZE		DOC. NO.					
		X.X		±0.35		JCN-U4CG-UAAA-XXX1					
		X.XX		±0.25							
		X.XXX		±0.15							
		ANGLE		±5°							
REV.		SHEET		1/2							
X1		CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.									

△ X0	NEW DESIGN	DRAWN	MMDDYY
MARK	REVISION RECORD	DRAWN	050620

1

2

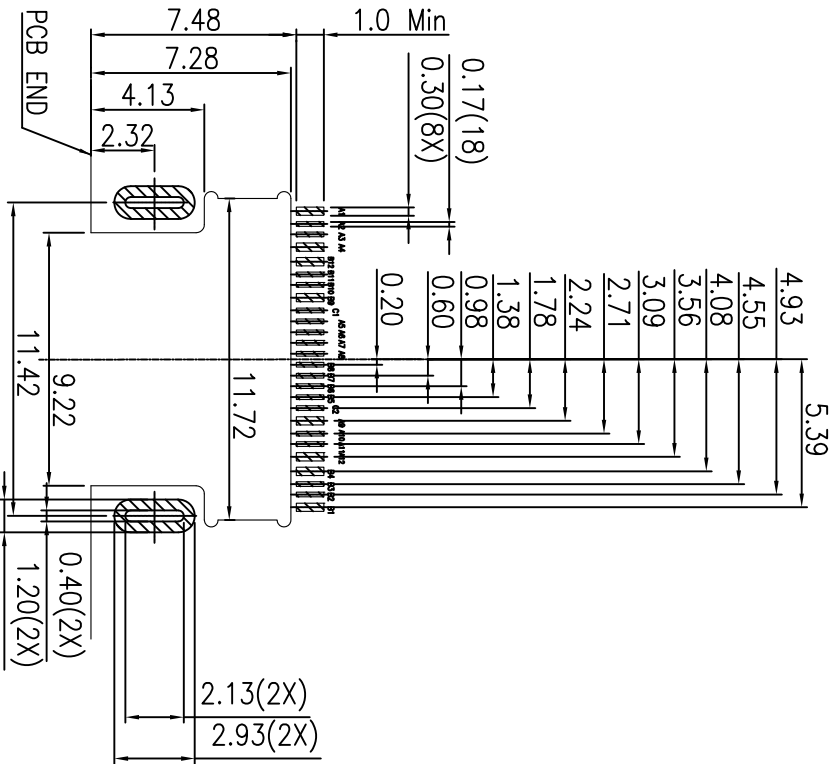
3

4

5

Design drawing

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 (Cable Detect)
B12	GND	Ground for Power Return (Cable Detect)
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
C1	GND	Center shielding Ground pin.
C2	GND	Center shielding Ground pin.



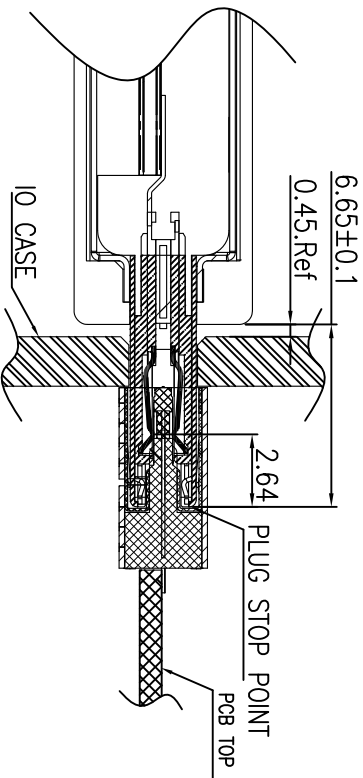
RECOMMEND PCB LAYOUT

TOP VIEW Tolerance:±0.05mm



SOLDER AREA

Tolerance:±0.05mm



PLUG INTO RECEPTACLE REPRESENT

△ X0 MARK	NEW DESIGN REVISION RECORD	DRAWN DRAWN	MMDYY' 050620	REV. X1		CHECKED		NAME		US94 C.1 Row SMT/Chnol. 0.06mmDip Small/Receptacle		PART NO. JCN-U4CG-UAAA-XXX1	HF RoHS 	 V-GENERAL TECHNOLOGY 維將科技股份有限公司		
						Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE					Material/Plated/Notes	
						APPROVED		NA		UNIT mm					② SHIELD : STAINLESS STEEL/NICKEL PLATING	
						KL		③ HOUSING : HIGH TEMPERATURE PLASTIC		SHEET 2/2					④ CONTACTS : COPPER ALLOY/NICKEL UNTERPLATED OVER/ALL LEAD FREE TIN ALLOY AT TERMINATION.	
						X.X		±0.35		X.XX					±0.25	