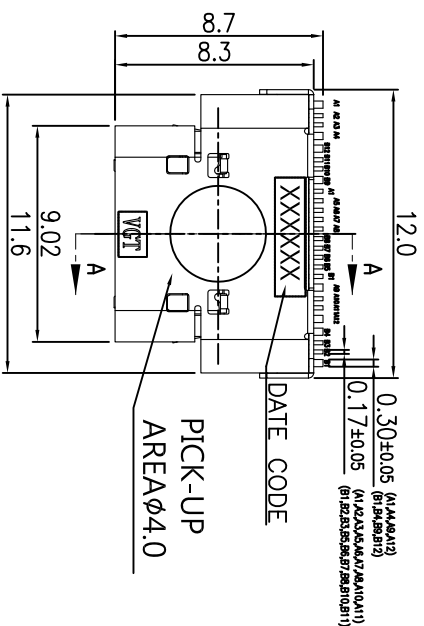


Section A-A

PART NUMBER : JCN-32CG-UD1B-XXX1

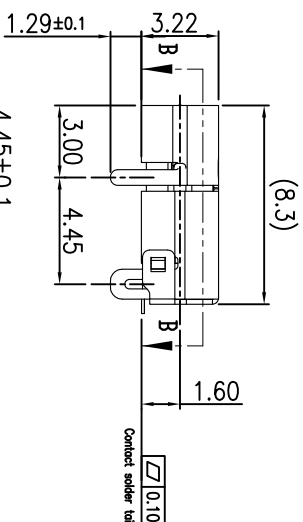
Plastic Color: _____
A=Blue
B=Black

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

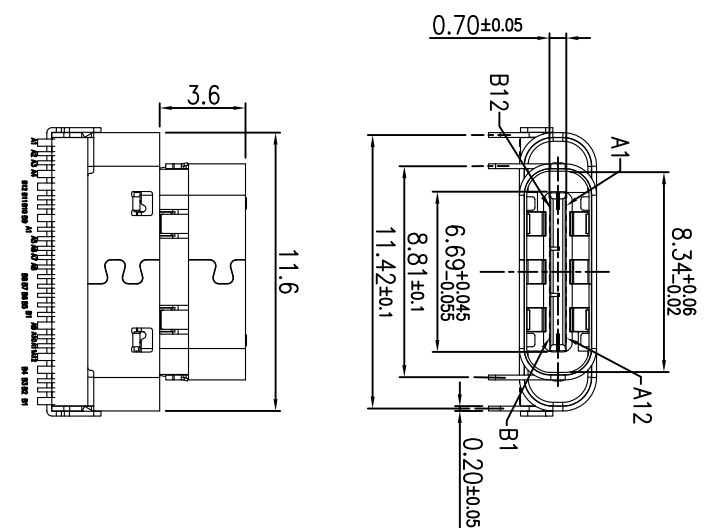
Package:
R=Taping
Reel
T=Tray
U=Tube

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.



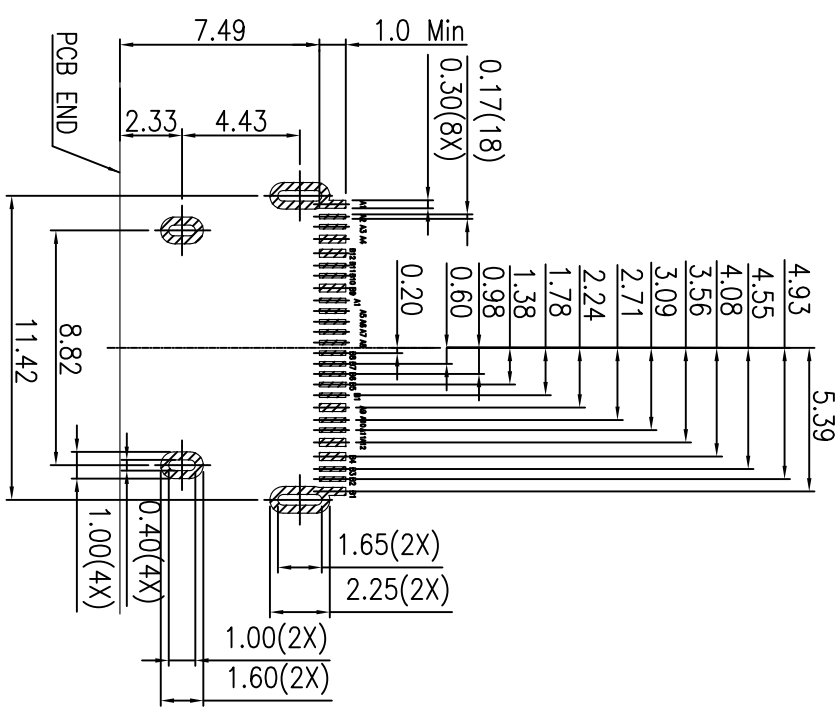
Section B-B



CHECKED Steve		NAME US832 Gen2v2 C1 Row SMT Contact 1.6mm, Code detect, DP Shield/Receptacle	
APPROVED Marvin		SCALE N/A	
Dimension Range Tolerance		UNIT mm	
X.XX		±0.35	
X.XXX		±0.25	
X.XXX		±0.15	
ANGLE		45°	
REV.		SIZE	SHEET
A		A4	1/2
① CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.		PART NO. JCN-32CG-UD1B-XXX1	
DOC. NO. JCN-32CG-UD1B-XXX1		HF ROHS THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
V-GENERAL TECHNOLOGY 維將科技股份有限公司			

NEW DESIGN	STEVE	020323
REVISION RECORD	DRAWN	MMDDYY

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

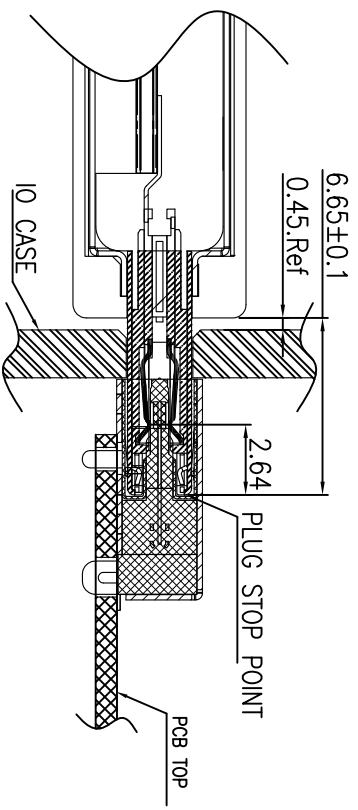


RECOMMEND PCB LAYOUT

TOP VIEW Tolerance:±0.05mm

SOLDER AREA

Tolerance:±0.05mm



PLUG INTO RECEPTACLE REPRESENT

CHECKED		NAME		UNIT		SHEET		PART NO.		HF		V-GENERAL TECHNOLOGY	
Steve		USB3.2 Gen2x2 C1 Row Surface Mount 1.6mm, Cable detect, Dip Small/Receptacle		N/A		2/2		JCN-32CG-UD1B-XXX1		RoHS		維將科技股份有限公司	
Marvin		Material/Plating/Colors		mm		A4		JCN-32CG-UD1B-XXX1		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.			
X.X		UNLESS OTHERWISE SPECIFIED TOLERANCE		N/A		SIZE		DOC. NO.					
X.X		Dimension Range Tolerance		mm		2/2		JCN-32CG-UD1B-XXX1					
X.XXX		±0.35		A4									
X.XXX		±0.25											
X.XXX		±0.15											
ANGLE		±5°											
REV. A		① CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.											
NEW DESIGN		STEVE											
REVISION RECORD		DRAWN											
1		MMDVY											