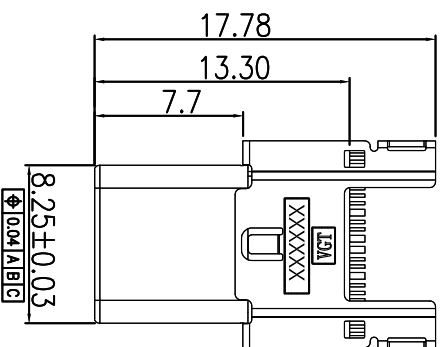


PART NUMBER : JCN-32CA-AAAA-XXX1

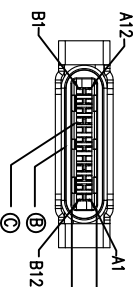
Plastic Color: _____
A=Blue
B=Black

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

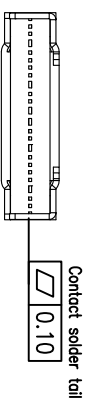
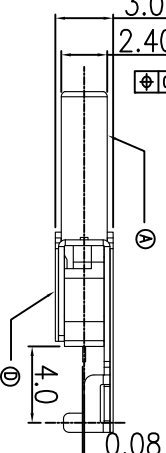
Package: _____
R=Taping
Reel
T=Tory
U=Tube



1.30±0.025
0.05 A B C

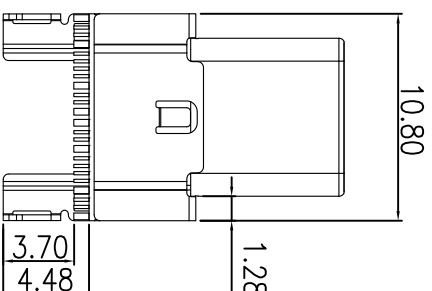


3.02
2.40±0.03
0.03 A B C

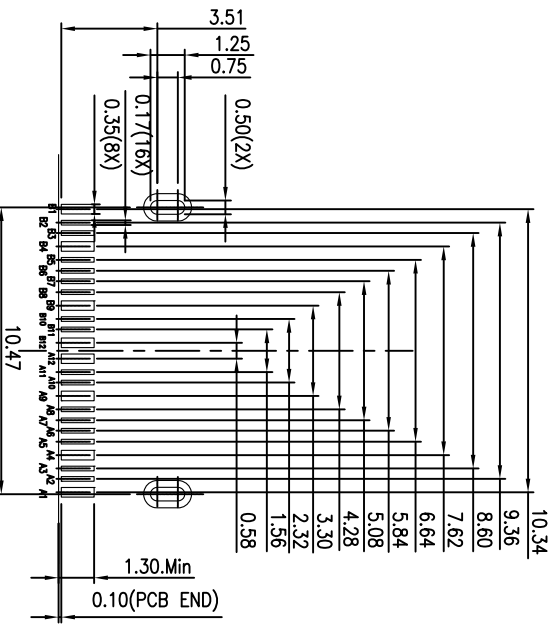


NOTES:

- 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 40 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
1-3 DIELECTRIC WITH STANDING: WITHSTAND 100 VAC (RMS)
- MECHANICAL CHARACTERISTICS:
 - 2-1 CONNECTOR INSERTION FORCE: 5N~20N
 - 2-2 CONNECTOR EXTRACTION FORCE: 8~20N MIN INITIAL, 6~20N MIN 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.

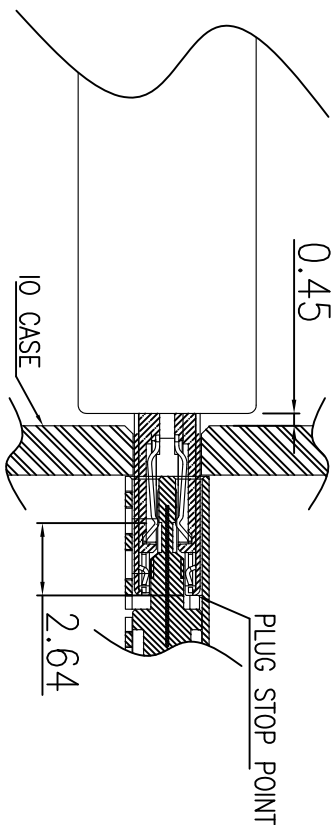
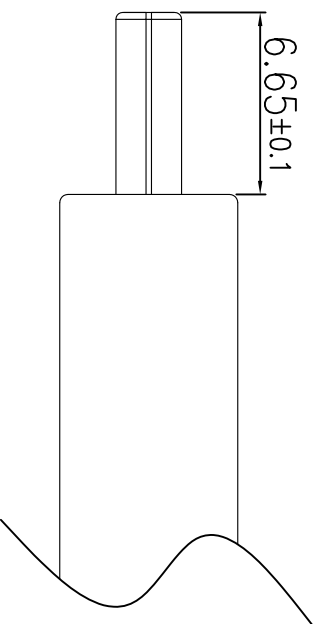


CHECKED		NAME		SCALE		UNIT		SHEET		PART NO.		HF		V-GENERAL	
Leon		JCN-32CA-AAAA-XXX1		N/A		mm		1/2		JCN-32CA-AAAA-XXX1		RoHS		Technology	
APPROVED		Material/Plating/Plating		SHIELD : STAINLESS STEEL/NICKEL PLATING		HOUSING : HIGH TEMPERATURE PLASTIC		CONTACTS : COPPER ALLOY/NICKEL		UNDER PLATED: GALVANNEAL DED FREE TIN		DOG. NO.		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
Xavier		X.X		±0.35		SIZE		A4		JCN-32CA-AAAA-XXX1		RoHS		Technology	
X.X		±0.25		SIZE		A4		JCN-32CA-AAAA-XXX1		RoHS		Technology		Technology	
X.XXX		±0.15		SIZE		A4		JCN-32CA-AAAA-XXX1		RoHS		Technology		Technology	
ANGLE		±5°		SIZE		A4		JCN-32CA-AAAA-XXX1		RoHS		Technology		Technology	
REV.		X1		X1		X1		X1		X1		X1		X1	
NEW DESIGN		DRAWN		MMDYY		MMDYY		MMDYY		MMDYY		MMDYY		MMDYY	
REVISION RECORD		DRAWN		121219		121219		121219		121219		121219		121219	
MARK		1		2		3		4		5		Design drawing		Design drawing	



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		NAME	
Leon		US93.2 Gen2x2 C.1 Row SMT, 0.6mm Pitch Shell DP-Plug	
APPROVED		SCALE	
Xavier		N/A	
REV.		UNLESS OTHERWISE SPECIFIED TOLERANCE	
		Dimension Range Tolerance	
		X.X	
		X.XX	
X1		SIZE	
		A4	
		SHEET	
		2/2	
		MATERIAL / FINISH / PLATING	
		① SHIELD : STAINLESS STEEL/NICKEL PLATING	
		② HOUSING : HIGH TEMPERATURE PLASTIC	
		③ CONTACTS : COPPER ALLOY/NICKEL	
		④ UNDERPLATED OVERLEAD FREE TIN	
		⑤ ALLOY AT TERMINATION	
		⑥ THROUGH HOLE SHELL: SPC/NICKEL PLATING	
		PART NO.	
		JCN-32CA-AAAA-XXX1	
		DOC. NO.	
		JCN-32CA-AAAA-XXX1	
		HF	
		ROHS	
		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT	
		V-GENERAL TECHNOLOGY	
		維將科技股份有限公司	
		Design drawing	