

Plastic Color: _____ Package: _____
 A=Blue R=Taping
 B=Black Reel

Reel
T=Tray
U=Tube
Gold Plating:
G=Gold Flash
A-Z, ”

1. ELECTRICAL CHARACTERISTICS:

1-1 CONTACT CURRENT RATING:

1.25A FOR VBUS PIN AND ITS CORRESPONDING

0.25A MIN FOR ALL OTHER CONTACTS.

1-2 CONTACT RESISTANCE:

INITIAL 30 MEGOHMS MAX FOR VBUS AND GND CONTACT,

INITIAL 40 MEGOHMS MAX FOR ALL OTHER CONTACT,

AFTER DURABILITY 10 MILLIONHMS MAX CHANGE,

1-3 DIELECTRIC WITH STANDING: 100 MEGOHMS MIN

2. MECHANICAL CHARACTERISTICS:

2-1 CONNECTOR MATING FORCE: $5 \sim 20$ N

2-2 CONNECTOR MATING FORCE: 8N~20N INITIAL 6N~20N AFTER DURABILITY

2-3 DIBABILITY: 10000 CYCLES

2-4 OPERATING TEMPERATURE RANGE: -20°C TO +85°C

2-4 OF ENAILING 15MM FILLER RANGE. -20 C TO +30 C

UNLESS INDICATED OTHERWISE, ALL DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE IN INCHES

RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE

THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.

WHEN PLUG IS INSERTED INTO CONNECTOR IN WORSE CONDITION, CO INDUCTIVE CIRCUIT IN SPRING TIP AREA BEING THE MAIN CAUSE.

7 ☒ **SPRING TIP TOUCH PC** & BEACH

o	☒	ME
/.	☒	RO

8.

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RoHS

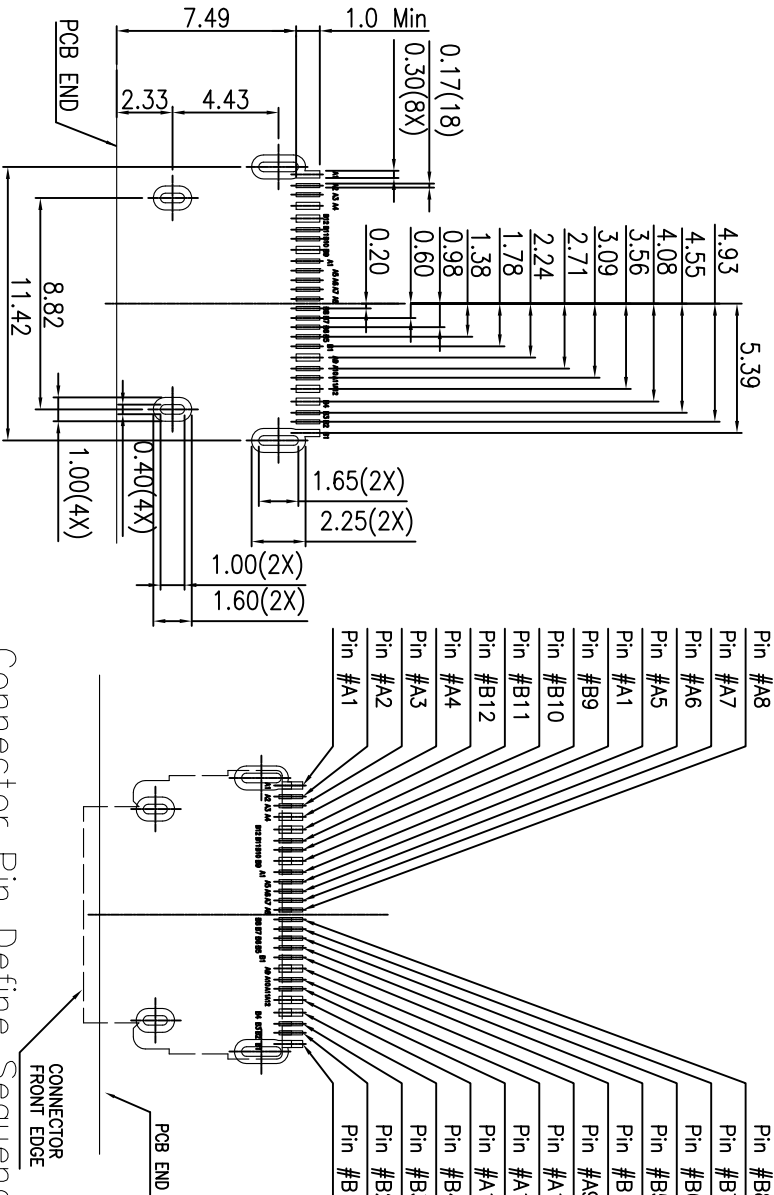
 V-GENERAL



V-GENERAL
TECHNOLOGY
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PIN ASSIGNMENT				
Pin Number	Signal Name	Description	Pin Number	Signal Name
A1	GND	Ground for Power Return	B12	GND
A2	SS TX1+	Positive half of first SuperSpeed TX differential pair	B11	SS RX1+
A3	SS TX1-	Negative half of first SuperSpeed TX differential pair	B10	SS RX1-
A4	VBUS	POWER	B9	VBUS
A5	CC1	Configuration Channel	B8	SR12
A6	D+	USB2.0 differential pair	B7	D-
A7	D-	USB2.0 differential pair	B6	CC2
A8	SBU1	Sideband Use (SBU)	B5	VBUS
A9	VBUS	POWER	B4	SS TX2-
A10	SS RX2-	Negative half of second SuperSpeed RX differential pair	B3	SS TX2+
A11	SS RX2+	Positive half of second SuperSpeed RX differential pair	B2	SS TX2+
A12	GND	Ground for Power Return	B1	GND



Connector Pin Define Sequence

PCB Foot Printer Dimension

TOP VIEW Tolerance: ±0.01mm

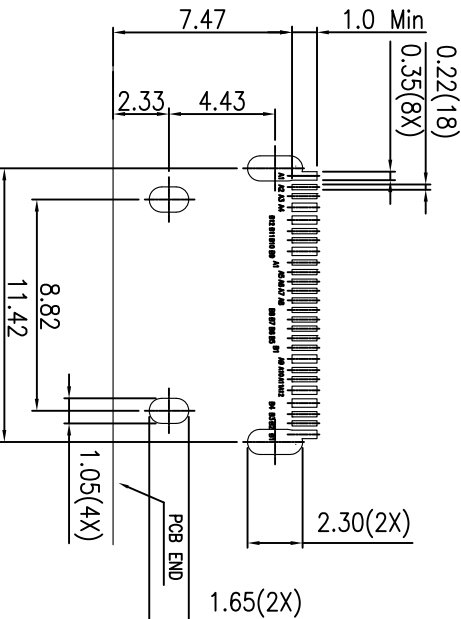
△D	增加激光点程	DRAWN	120921
△C	MODIFY	DRAWN	092820
MARK	REVISION RECORD	DRAWN	MMDDYY
1			

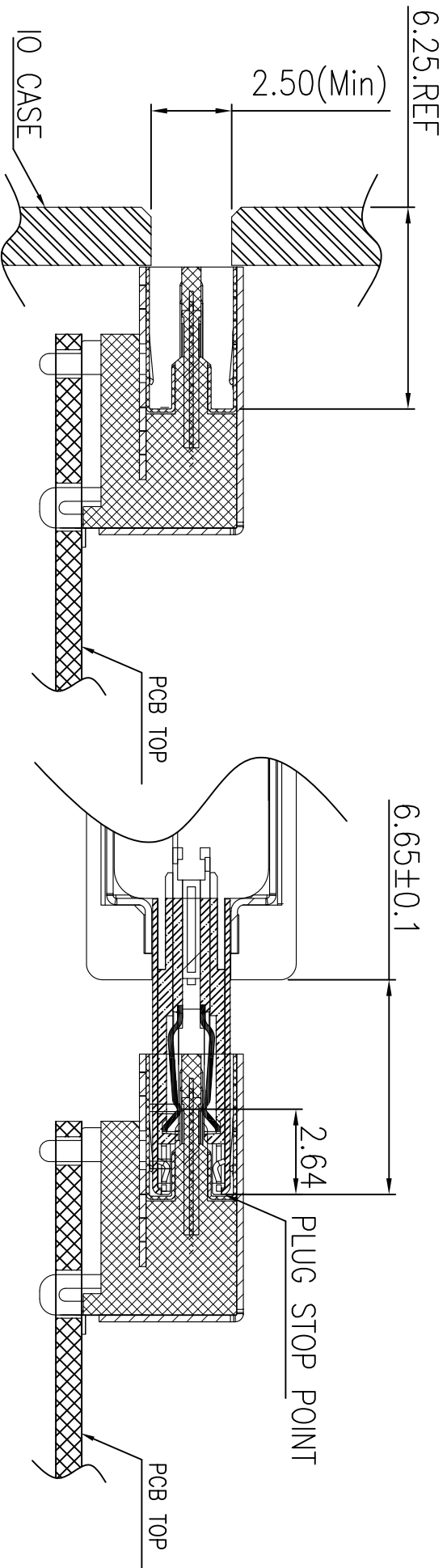
CHECKED		NAME		USB3.2 04x22.2 C.1 Row SURF.orient 3.4mm.Dip Shell,Receptacle	
Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE	UNIT
APPROVED				NA	mm
Marvin	Dimension Range	Tolerance			
	X.X	±0.35			
	X.XX	±0.25			
	X.XXX	±0.15			
REV.			SIZE	A4	
D		SHEET		2/3	
		Ⓢ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALLLED FREE TIN ALLOY AT TERMINATION.			
2		3			

USB3.2 Gen2x2 G1 Row SMT, Offset 3.4mm, Dip Shell, Receptacle		PART NO.	
WAGO 1702-1000		JCN-32CG-UGAR-XXX1	
① SHIELD : STAINLESS STEEL / BRIGHT NICKEL PLATING		DOC. NO.	
② HOUSING : HIGH TEMPERATURE PLASTIC		JCN-32CG-UGAR-XXX1	
③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
HF ROHS		V-GENERAL TECHNOLOGY	
維將科技股份有限公司		Design drawing	

SMT Stencil Aperture Dimension

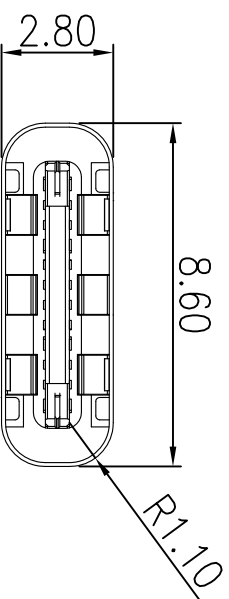
TOP VIEW Tolerance: ±0.01mm





IO PANEL

PLUG INTO RECEPTACLE REPRESENT



Panel Cut Out

CHECKED		NAME		PART NO.		HF	
Steve		USB3.2 Gen2x2 C.1 Row SMT,Offset 3.4mm,Dip Shell,Receptacle		JCN-32CG-UGAR-BGR1		Rohs	
APPROVED		SCALE		UNIT		DOC. NO.	
Marvin		N/A		mm		JCN-32CG-UGAR-BGR1	
UNLESS OTHERWISE SPECIFIED TOLERANCE		SIZE		SHEET		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT.	
Dimension Range Tolerance		A4		3/3		V-GENERAL TECHNOLOGY	
X.X		±0.35		⑧ HOUSING : HIGH TEMPERATURE PLASTIC		維將科技股份有限公司	
X.XX		±0.25		⑨ CONTACTS : COPPER ALLOY/NICKEL			
X.XXX		±0.15		ALLOY AT TERMINATION.			
ANGLE		45°					
REV.		D					
D							

△D	增加激光點標	DRAWN	120921
△C	MODIFY	DRAWN	092820
MARK	REVISION RECORD	DRAWN	MMDDYY
1			