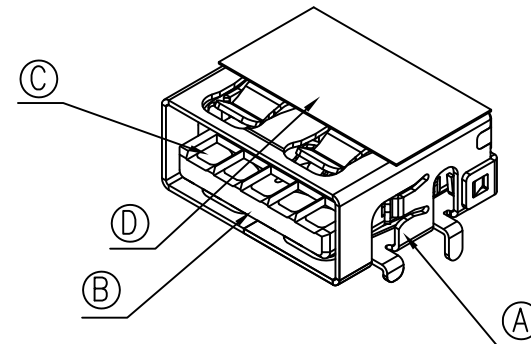
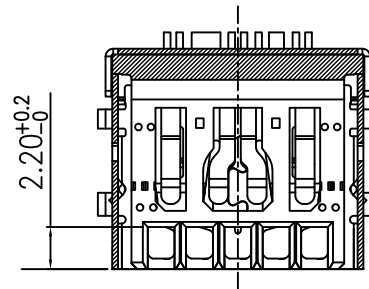
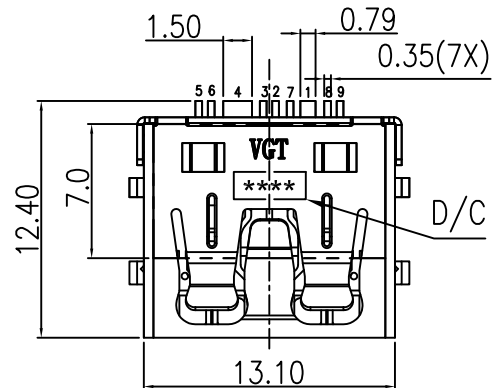
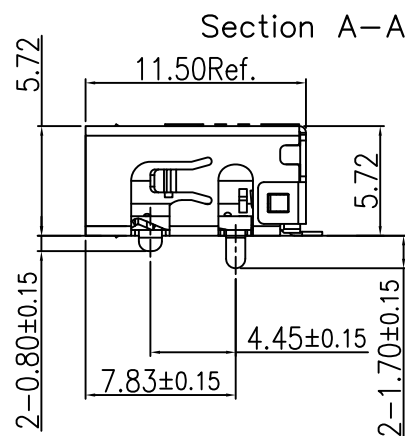
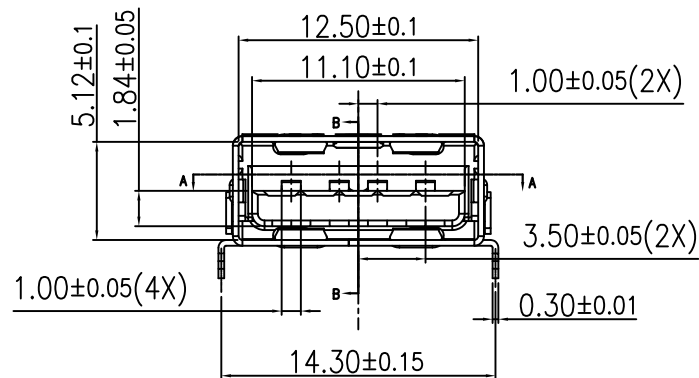




Plastic
Color:
A=Blue
B=Black

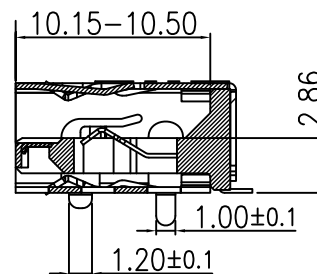
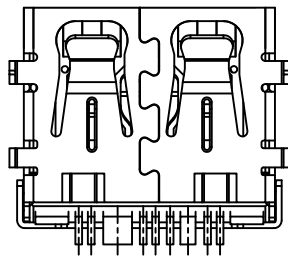
Gold Plating:
G=Gold
Flash
A=3u"
B=6u"
C=10u"
D=15u"
E=30u"



PART NUMBER : JCN-31AH-U8AB-XXM1

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
1.8A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - CONTACT RESISTANCE:
INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
AFTER DURABILITY 10 MILLIOHMS MAX CHANGE,
 - DIELECTRIC WITH STANDING: 100 MEGOHMS MIN
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR MATING FORCE: 35N MAX
 - CONNECTOR UNMATING FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY.
 - DURABILITY: 5000 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.



Section B-B

CHECKED	Rich
APPROVED	Steve
REV.	A

UNLESS OTHERWISE SPECIFIED TOLERANCE
Dimension Range Tolerance
X.X ±0.35
X.XX ±0.25
X.XXX ±0.15
ANGLE ±5°

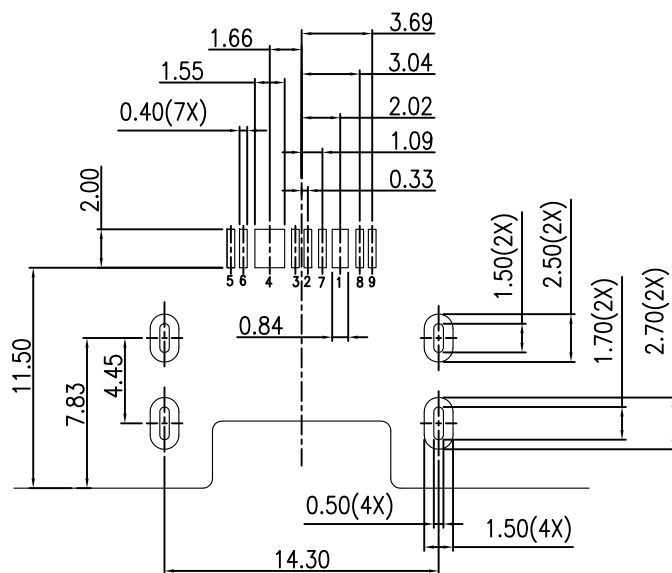
NAME	USB3.2A,1 Row SMT,Offset 2.86mm,with Mylar, Dip Shell,Receptacle (舌片反向)
SCALE	NA
UNIT	mm
SIZE	A4
SHEET	1/2

Material/Plated/Notes
① SHIELD : STAINLESS STEEL/NICKEL PLATING
HOUSING : HIGH TEMPERATURE PLASTIC/BLUE
② (PANTONE 300)
③ CONTACTS : COPPER ALLOY/NICKEL
UNDERPLATED OVERALL GOLD FLASH
AT CONTACT AREA, LEAD FREE TIN
ALLOY AT TERMINATION.
④ MYLAR

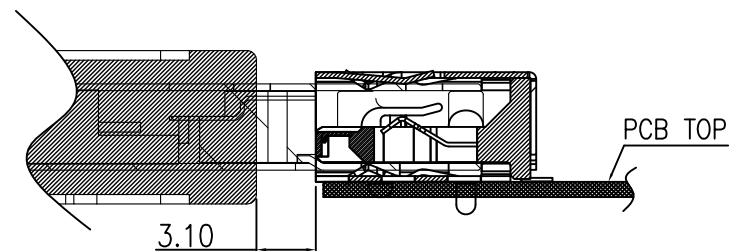
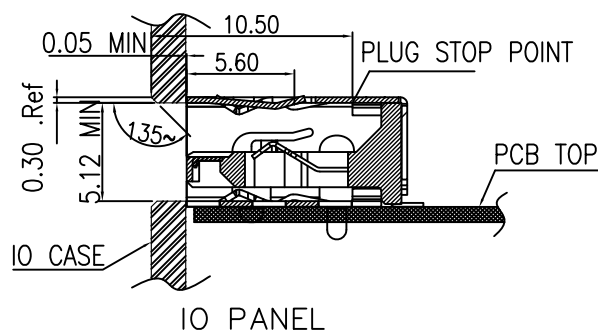
PART NO.
JCN-31AH-U8AB-XXM1
DOC. NO.
JCN-31AH-U8AB-XXM1



△ A	NEW DESIGN	DRAWN	MMDYY'
MARK	REVISION RECORD	DRAWN	052523



RECOMMENDED P.C.B LAYOUT TOP VIEW
TOLERANCES $\pm 0.05\text{MM}$



PLUG INTO RECEPTACLE REPRESENT

PIN ASSIGNMENT		
Pin Number	Signal Name	Description
1	VBUS	POWER
2	D-	USB2.0 differential pair
3	D+	
4	GND	Ground for Power Return
5	SS RX-	Superspeed receiver differential pair
6	SS RX+	
7	GND_DRAIN	Ground for Power Return
8	SS TX-	Superspeed transmitter differential pair
9	SS TX+	

				CHECKED		NAME		USB3.2A,1 Row SMT,Offset 2.86mm,with Mylar, Dip Shell,Receptacle (舌片反向)		RoHS THIS IS A ROHS COMPLIANT COMPONENT PRODUCT. V-GENERAL TECHNOLOGY 維將科技股份有限公司													
				Rich		SCALE						PART NO.											
				APPROVED		UNIT		Material/Plated/Notes															
				Steve		mm		①SHIELD : STAINLESS STEEL/NICKEL PLATING															
				UNLESS OTHERWISE SPECIFIED TOLERANCE				②HOUSING : HIGH TEMPERATURE PLASTIC/BLACK															
				REV.		SIZE		SHEET		DOC. NO.													
				A		A4		2/2		JCN-31AH-U8AB-XXM1													
						X.X		±0.25		③CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL GOLD FLASH AT CONTACT AREA,LEAD FREE TIN ALLOY AT TERMINATION.													
						X.XX		±0.15															
X.XXX		±0.05																					
				ANGLE		±2°																	
 A		NEW DESIGN		DRAWN		MMDYY'																	
MARK		REVISION RECORD		DRAWN		052523																	
1				2				3				4				5				Design drawing			