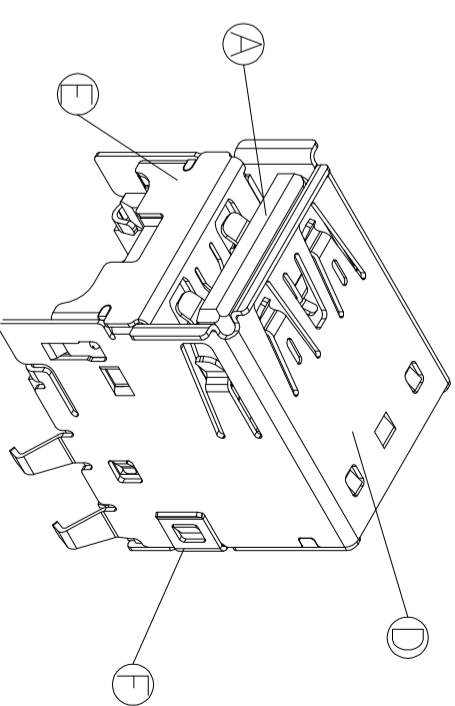


RECOMMENDED P.C.B. LAYOUT(TOP VIEW)
P.C.B THICKNESS=1.60mm,TOLERANCE:±0.05

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Ye wei	2023.02.22

- SPECIFICATIONS:
- 1.ELECTRICAL PERFORMANCE:
- 1-1. CONTACT CURRENT RATING:
1.8 AMPERES FOR VBUS AND GND CONTACTS.
0.25 AMPERES FOR ALL OTHER CONTACTS.
- 1-2. DIELECTRIC WITHSTANDING VOLTAGE:AC 100V(RMS).
1-3. INSULATION RESISTANCE:100M ohms MIN.
- 1-4. CONTACT RESISTANCE:
30m ohm Max FOR VBUS AND GND CONTACTS.
50m ohm Max FOR ALL OTHER CONTACTS.
- 1-5. VOLTAGE RATING : 30 VAC (RMS).
- 2.MECHANICAL PERFORMANCE:
- 2-1. MATING FORCE:35N Max.
2-2. UNMATING FORCE:10N Min 8N Min AFTER DURABILITY.
2-3. DURABILITY:5000 CYCLES.
- 3.ENVIRONMENTAL PERFORMANCE:
- 3-1. TEMPERATURE RANGE:
3-2. OPERATING TEMPERATURE:-55°to+85°.
3-3. STORAGE TEMPERATURE-20°to+60°.
3-4. SALT SPRAY 24H Min.
- 4.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- 5.HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- 6.OTHER GENERAL SPEC TO REFER "2UB2Y13-300012F SPEC"
- 7.PACKAGING : TRAY.



PIN NO.:	SIGNAL NAME	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
1	VBUS	A	1	HIGH TEMPERATURE PLASTIC UL94V-0	BLACK
2	D-	D	1	STAINLESS STEEL	TIN PLATED ON SOLDER AREA NICKEL UNDERPLATING OVER ALL.
3	D+	C	4	COPPER ALLOY	GOLD FLASH ON CONTACT AREA MATE TIN ON SOLDER AREA
4	GND	B	5	COPPER ALLOY	NICKEL UNDERPLATING OVER ALL
5	SSRX-	A	1	HIGH TEMPERATURE PLASTIC UL94V-0	BLACK
6	SSRX+				
7	GND_DRAIN				
8	SSTX-				
9	SSTX+				

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

USB 3.1 CONNECTOR

TITLE	CUSTOMER COPY			
DWN	Ye wei	PART NO.2UB2Y13-300012F	UNIT: mm	REV: A
CHKD	jim-deng	SCALE 1:1	UNIT: mm	REV: A
APVD	jim-deng	SIZE: A3	SHEET: 10F1	REV: A

1 2 3 4 5 6 7 8