



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 0.80±0.05[.031±.002]mm
 DEFAULT TOLERANCE: ±0.05[.002]

深圳市鑫南天科技有限公司

SHEN ZHNE XIN NAN TIAN TECHNOLOGY CO., LTD

Part No. XNT-TYC200CB110-A1

USB TYPE C 2.0
 母座板式SMT

PIN ASSIGNMENT:

No.	A	No.	B
1	GND	12	GND
2		11	
3		10	
4	VBUS	9	VBUS
5	CC1	8	SEU2
6	D+	7	D-
7	D-	6	D+
8	SEU1	5	CC2
9	VBUS	4	VBUS
10		3	
11		2	
12	GND	1	GND

1	THERMOPLASTIC UL94V-0-BLACK	SMT HOUSING	⑥
1	THERMOPLASTIC UL94V-0-BLACK	SMT HOUSING	⑤
8	COPPER ALLOY GOLD PLATED 1μ" MIN ON CONTACT AREA,100μ" MIN ON SOLDER AREA	SMTZ CONNECTOR	④
8	COPPER ALLOY GOLD PLATED 1μ" MIN ON CONTACT AREA,100μ" MIN ON SOLDER AREA	SMTZ CONNECTOR	③
2	COPPER ALLOY INI PLATED	LATCH	②
1	SUS INI PLATED	SHELL	①

GENERAL TOLERANCE	Rev.	B
X±0.30	X° ±3°	⑥
.XX±0.20	.XX° ±2°	⑤
.XXX±0.05	.XXX° ±0.5°	④
SCALE	UNIT	APPROVE
1:1	mm	JEFF
Drawn No.	Date	Part No.
XNT-JUSB-TP0CB110	Mar15,2017	XNT-TYC200CB110-A1
Check	Date	Design
JANY	Mar15,2017	COCO
Approve	Date	DATE
JEFF	Mar15,2017	Dec04,2015

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 50 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN, 0.25 A MIN FOR ALL OTHER CONTACTS.
 - CONTACT RESISTANCE: 50 MILLI OHMS MAX FOR VBUS AND GND CONTACTS, 50 MILLI OHMS MAX FOR ALL OTHER CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 V RMS AC MIN.
 - INSULATION RESISTANCE: 100 MEG OHMS MIN.
 - MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE: 5-20N.
 - MINIMUM EXTRACT FORCE: 250M PER SECOND, 2-2 AT MAXIMUM OF 2.5MM PER SECOND.
 - DURABILITY: 1000 CYCLES.
 - OPERATING TEMPERATURE: -25°C TO +85°C ARE INHERENT EQUIVALENTS.
 - RECOMMENDED PROCESSOR REFLOW 260°C 3-5SECONDS.
 - THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIANT.
 - MATERIAL:
 - MOLDING: LCP UL 94V-0 BLACK
 - CONTACT: COPPER ALLOY
 - CONTACT AREA, 100μ" MIN (LEAD FREE)
 - SOLDER AREA
 - SHELL: SUS304-H-T=0.30±0.03mm
 - NICKEL PLATING OVER ALL.