

RECOMMENDED PCB LAYOUT

NOTES:

1. ELECTRICAL:

- 1) CURRENT RATING: 3A MIN FOR VBUS;
VOLTAGE: 5VAC MAX 0.25A MIN FOR OTHER.
- 2) INSULATION RESISTANCE: 100MΩ MIN;
- 3) CONTACT RESISTANCE: 40mΩ MAX;
- 4) WITHSTANDING VOLTAGE: 100V AC;
- 5) OPERATING TEMPERATURE: -30°C ~ +80°C.

2. Mechanical:

- 1) INSERTION FORCE: 5~20N.
- 2) EXTRACTION FORCE: 8~20N.

3. DIMENSIONS MARKED "▼" TO BE CHECKED BY Q.C & IPQC.

4. PART NO.

1: Au 1U*
2: Au 3U*
5: Au 15U*
6: Au 30U*

W: WHITE
B: BLACK

1: PBT
2: PA6T
3: PA9T
4: LCP

USB TYPE-C FULL-FEATURED
RECEPTACLE INTERFACE PIN ASSIGNMENTS

A1	GND	B12	GND
A2	SSTXP1	B11	SSRX1P1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRX1P2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

⑤	MID PLATE	1	STAINLESS STEEL	Au . PLATING.	T=0.15mm
④	SHELL	1	STAINLESS STEEL	Au . PLATING.	T=0.30mm
③	TERMINAL-B	1	TABLE 2:	TABLE 2:	T=0.12mm
②	TERMINAL-A	1	TABLE 2:	TABLE 2:	T=0.12mm
①	INSULATOR	1	HIGH TEMP	Black	
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK

UNLESS OTHERWISE,
GENERAL TOLERANCE:

X.xxx ±0.10
X.xx ±0.20
X.x ±0.30
X. ±0.38

ANGULAR:

X.xx ±1°
X.x ±3°
X. ±5°

广东科斯达开关厂

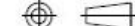
TITLE:
USB connector

P/N: Detail See PART NO. LIST

MODEL:

DRAW NO.:

THIRD ANGLE PROJECTION



UNIT:

mm

SCALE:

1:1

SIZE:

A4

SHEET:

1/1

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