



PCB Layout(Pattern side)

Note:

1.Material:

- 1.1 Housing: LCP
- 1.2 Contact:C5191,t=0.20mm
- 1.3 Shell: Zinc Alloy.

2.ELECTRICAL:

2-1:CURUENT RATAING:

VBUS AND GND CONTACTS RATED AT 1.25A PARALLELED FOR A TOTAL OF 5A;

2-2:INITIAL CONTACT RESISTANCE :40 MEGOHMS

2-3:DIELECTRIC WITHSTANDING VOLTAGE: 100V AC MIN;

3:MECHANICAL CHARACTERISTICS:

3-1:MATING FORCE:5~20N

3-2:UNMATING FORCE:8~20N(INITIAL), 6~20N(AFTER 10000 CYCLES)

3-3:FREQUENCE: 200±50 CYCLES /HOUR,10000 CYCLES

3-4:OPERATING TEMPERATURE ;-40~80°.

4: WATERPROOF: IP-X7.

| | | | |
|-----|-------------|-----|-------------|
| A5 | CC1 | B12 | GND |
| A9 | VBUS | B9 | VBUS |
| A12 | GND | B5 | CC2 |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

| | | | | | | | | |
|----------------|--------|------------|-------------------------|----------------|------------|--------|-------------|--------------|
| APPROVALS | | DATE | ELECTRONICS CO.,LTD | | | | | |
| DRAWN | LIUCAN | 2020/10/28 | | | | | | |
| CHECKED | | | TITLE: | USB CONNECTOR | | | | |
| APPROVALS | | | PART NO. | TYPE-C-31-E-06 | | | | |
| TOLERANCES ARE | 30~以上 | ±0.30 | ANGLE | UNIT: mm | SCALE: 1:1 | PROJ: | | |
| | 10~30 | ±0.25 | | | | | | |
| | 5~10 | ±0.20 | | | | | | |
| | ~ 5 | ±0.15 | | | | | | |
| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. | DRAWING NO. | SHEET 1 OF 1 |

| | | | | | | |
|---------|------|-------|--------------|---------|--------|--------|
| _____ | A | _____ | NEW | _____ | _____ | _____ |
| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. |

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