



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

NOTES:

1. MATERIAL:
 - MOLDING: LCP UL94 V-0
 - CONTACT: COPPER ALLOY
 - GOLD PLATED Min ON CONTACT AREA, 100u" Min TIN (LEAD FREE) ON SOLDER AREA, SHELL: SUS201-H-T=0.30±0.03mm 50u" NICKEL PLATING OVER ALL.
2. MECHANICAL:
 - INSERTION: 5~20N.
 - EXTRACTION: 8~20N AFTER TEST.
 - DURABILITY: 5000 CYCLES
3. ELECTRICAL:
 - CURRENT: 3A FOR VBUS; 1.25A FOR GND PIN; 0.25A FOR OTHER
 - VOLTAGE: 20 V MAX
 - WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - CONTACT RESISTANCE: 40mΩ MAX
 - INSULATION RESISTANCE: 100MΩ MIN.
4. ENVIRONMENTAL
 - TEMPERATURE RANGE -25°C ~ +85°C

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

| | | | | |
|----------------|----------|---------------------|-------------------------|--------------|
| APPROVALS | | DATE | DRAWING NO. | |
| DRAWN | G.M.Chen | 2014/11/26 | ELECTRONICS CO.,LTD | |
| CHECKED | | | TITLE: USB JACKES | |
| APPROVALS | | | PART NO. USB-TYPE-C-032 | |
| TOLERANCES ARE | | 30~0.15 ±0.30 ANGLE | UNIT: mm | SCALE: 1:1 |
| | | 10~0.20 ±0.15 | | SHEET 1 OF 1 |
| | | 5~0.10 ±0.10 | | PROJ. |

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

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