



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

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni: 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

SEE TABLE1.

2-3.SHIELD PLATE&EMI. PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE.

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf

3-3.DURABILITY: 5000 CYCLES.

4.ELECTRICAL PERFORMANCE.

4-1. CURRENT RATING:3.0A

4-2. VOLTAGE RATING:5.0V

4-2. LCCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260℃.

PIN ASSIGNMENTS

A5	CCI	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

DEALON 德之源®

ELECTRONICS CO.,LTD

APPROVALS

DATE

DRAWN G.M.Chen 2014/11/26

CHECKED

TITLE:

USB JACKS

APPROVALS

PART NO.

USB-TYPE-C-027

TOLERANCES ARE

30~0.1±0.30 ANGLE
10~30 ±0.20
5~10 ±0.13

UNIT: mm

SCALE: 1:1

SHEET 1 OF 1

ECN NO.

REV.

DATE.

DESCRIPTION.

CHANGE.

CHECK.

APPRO.