



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-031
TOLERANCES ARE		ANGLE	UNIT: mm	SCALE: 1:1
30°±0.1°	±0.30	±2°		SHEET 1 OF 1
10~30	±0.20			PROJ.
9~10	±0.15			
~5	±0.10			
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.
	A		NEW	

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