



NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS:COPPER ALLOY
- 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)
    - GOLD FLASH PLATING ON SOLDER AREA
  - 2-2.FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
  - 3-1.INSERTION FORCE: 0.5~2.0kgf.
  - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 3-3.DURABILITY: 3000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING:5.0A  
VOLTAGE RATING: 20V
  - 4-2.INSULATION RESISTANCE: 100MΩ MIN
  - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  - 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ /AFTER 50MΩ
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -30°C~+80°C.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

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

RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ± 0.05

APPROVALS		DATE		 ELECTRONICS CO.,LTD		
DRAWN	LIUCAN	2021.08.13				
CHECKED				TITLE:	USB CONNECTOR	
APPROVALS				PART NO.	TYPE-C-31-M-32B	
TOLERANCES ARE	30~以上	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
	10~30	±0.20		DRAWING NO.		
	5~10	±0.15	SHEET 1 OF 1			
	~ 5	±0.10				

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

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