



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

NOTE:

1. MATERIAL SPECIFICATION:
  1. HOUSING: LCP+30%G.F, UL94 V-0.
  2. CONTACTS: PHOSPHOR BRONZE, Ni/Au PLATED
  3. FRONT SHELL: STAINLESS STEEL, Ni or Sn PLATED
2. MECHANICAL PERFORMANCE,
  - 2-1. INSERTION FORCE: 3.57kgf MAX.
  - 2-2. REMOVAL FORCE: 1.02kgf MIN.
  - 2-3. LIFE: 10000 CYCLES.
3. ELECTRICAL PERFORMANCE,
  - 3-1. CURRENT RATING: 0.5A
  - 3-2. CONTACT RESISTANCE: 30MΩ MAX
  - 3-3. INSULATION RESISTANCE: 100MΩ MIN
  - 3-4. DIELECTRIC WITHSTAND VOLTAGE, AC 250V
4. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

APPROVALS		DATE		HRO 翰源® ELECTRONICS CO., LTD			
DRAWN	LIUCAN	2021.5.18		TITLE:	USB CONNECTOR		
CHECKED				PART NO.	TYPE-C-31-D-09		
APPROVALS				UNIT: mm	SCALE: 1:1	PROJ:	
TOLERANCES ARE		30~以上	±0.30	ANGLE	±2'	DRAWING NO.	SHEET 1 OF 1
		10~30	±0.25				
		5~10	±0.20				
		~ 5	±0.15				

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

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