



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

NOTES:

- MATERIAL:
MOLDING: LCP
CONTACT: COPPER ALLOY.
GOLD PLATED Min ON CONTACT AREA, 100u"
Min TIN (LEAD FREE) ON SOLDER AREA,
SHELL: SUS201-H, T=0.30 \pm 0.03mm
50u" NICKEL PLATING OVER ALL.
- MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST.
DURABILITY: 5000 CYCLES
- 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: 40m Ω MAX.
INSULATION RESISTANCE: 100M Ω MIN.
- ENVIRONMENTAL
TEMPERATURE RANGE -25 $^{\circ}$ C ~ +85 $^{\circ}$ C

PART NO	H
TYPE-C-31-D-12	10.0
TYPE-C-31-D-12A	6.5

APPROVALS		DATE	HRO 翰源® ELECTRONICS CO., LTD		
DRAWN	LIUCAN	2021.9.18	TITLE:	USB CONNECTOR	
CHECKED			PART NO.		
APPROVALS			UNIT: mm	SCALE: 1:1	PROJ:
TOLERANCES ARE	30~以上	± 0.30	ANGLE	DRAWING NO.	SHEET 1 OF 1
	10~30	± 0.25			
	5~10	± 0.20	$\pm 2^{\circ}$		
	~ 5	± 0.15			

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

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