



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

NOTES:

- 1.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±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

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

APPROVALS		DATE	HRO 韓線® 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	±2°		
	~ 5	±0.15			

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