



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°C ~ +85°C

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

APPROVALS		DATE	LCZY ELECTRONICS(SHEN ZHEN)CO.,LTD		
DRAWN	S.L.L	2019.10.12	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			