

NOTES:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 Contact current rating:
3.0A for Vbus pin and its corresponding GND pin.
0.25A min for all other contact.
- 1.2 Contact resistance:
40 Milliohms Max for Vbus and GND contact.
50 Milliohms Max for all other contact.
- 1.3 Dielectric withstanding voltage:100V AC Min.
- 1.4 Insulation resistance:100 Megohms Min.

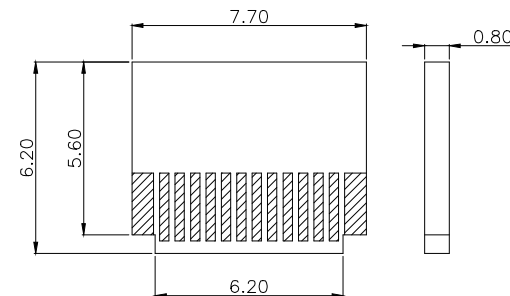
2.MECHANICAL CHARACTERISTICS:

- 2.1 Connector insertion force:5~20N.
At a maximum rate of 12.5mm per second.
- 2.2 Connector extraction force:8~20N.
At a maximum rate of 12.5mm per second.
- 2.3 Operating temperature:-55C~+85C.

3.MATERIAL:

- 3.1 HOUSING: LCP+ 30% G.F, UL94V-0 COLOR: BLACK;
- 3.2 TERMINAL: COPPER ALLOY , THICKNESS=0.15mm;
- 3.3 SHELL : STEEL ALLOY , THICKNESS=0.15mm;
- 3.4 SHIELD CONTACT : STEEL ALLOY , THICKNESS=0.30mm.

4.THE CONNECTOR IS ROHS COMPLAINT



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	VBUS	SBU1	D-	D+	CC	VBUS	TX1-	TX1+	GND
GND	TX2+	TX2-	VBUS	Vconn			SBU2	VBUS	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

APPROVALS		DATE		 HRO ELECTRONICS CO.,LTD			
DRAWN	LIUCAN	2021.7.24					
CHECKED				TITLE:		USB CONNECTOR	
APPROVALS				PART NO.		TYPE-C-31-G-02	
TOLERANCES ARE				30~以上	± 0.30	ANGLE	UNIT: mm
				10~30	± 0.20		
				5~10	± 0.15	$\pm 2'$	SCALE: 1:1
				~ 5	± 0.10		
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	DRAWING NO.

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