

Note:

1.Material:

1.1 Housing: PA9T

1.2 Contact:C5191,t=0.20mm

1.3 Shell: Kirsite

2.ELECTRICAL:

2-1:CURRENT RATING:

VBUS AND GND CONTACTS RATED AT 1.25A
PARALLELED FOR A TOTAL OF 5A;

2-2:INITIAL CONTACT RESISTANCE :40 MEGOHMS

2-3:DIELECTRIC WITHSTANDING VOLTAGE:

100V AC MIN;

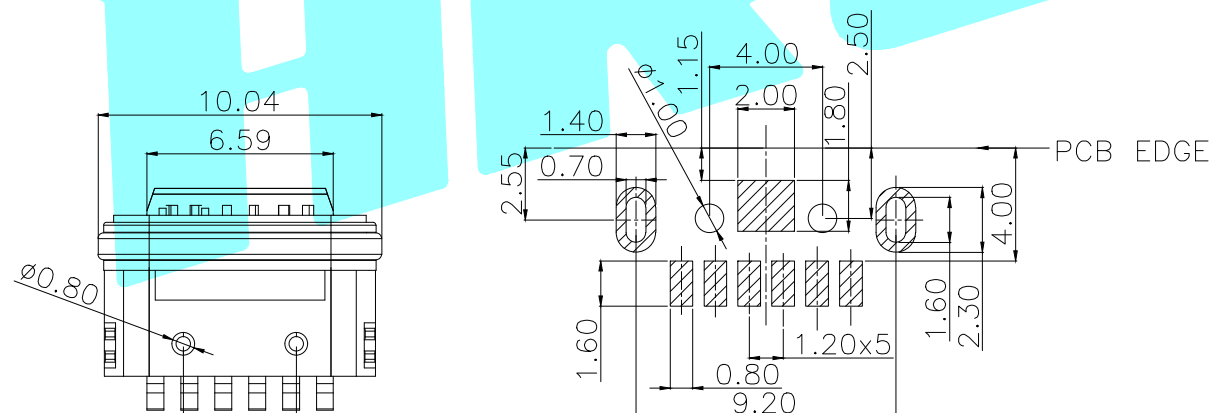
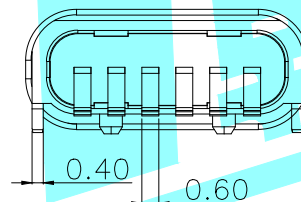
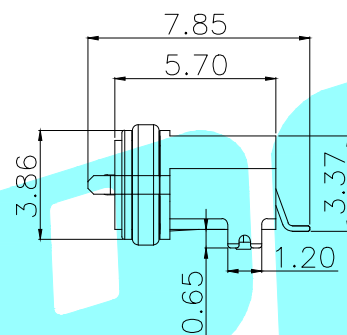
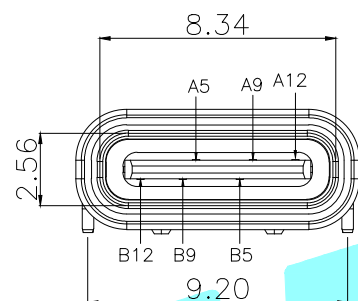
3:MECHANICAL CHARACTERISTICS:

3-1:MATING FORCE:5~20N

3-2:UNMATING FORCE:8~20N(INITIAL),
6~20N(AFTER 10000 CYCLES)3-3:FREQUENCY: 200±50 CYCLES /HOUR,
10000 CYCLES

3-4:OPERATING TEMPERATURE ;-40°~80°.

4: WATERPROOF: IP-X7.



PCB Layout(Pattern side)

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

APPROVALS			DATE		HRO® ELECTRONICS CO.,LTD					
DRAWN		LIUCAN	2020.11.23							
CHECKED					TITLE: USB CONNECTOR					
APPROVALS					PART NO. TYPE-C-31-E-07					
TOLERANCES ARE		30~以上	±0.30	ANGLE	UNIT: mm		SCALE: 1:1		PROJ: 	
		10~30	±0.25							
		5~10	±0.20							
		~ 5	±0.15							
			±2°	DRAWING NO.				SHEET 1 OF 1		

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