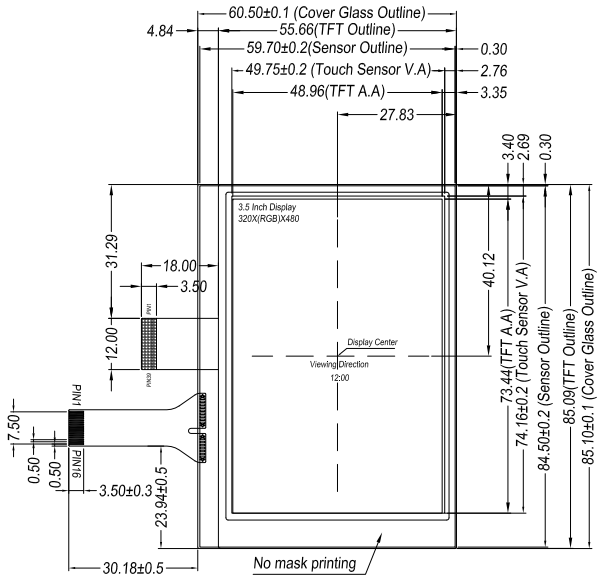
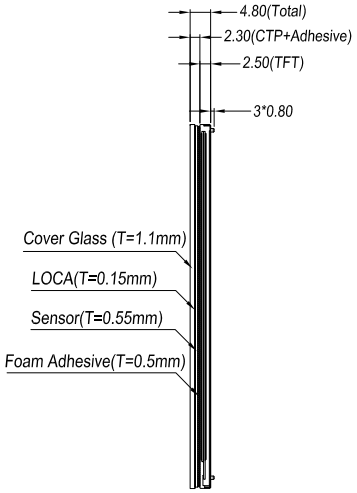
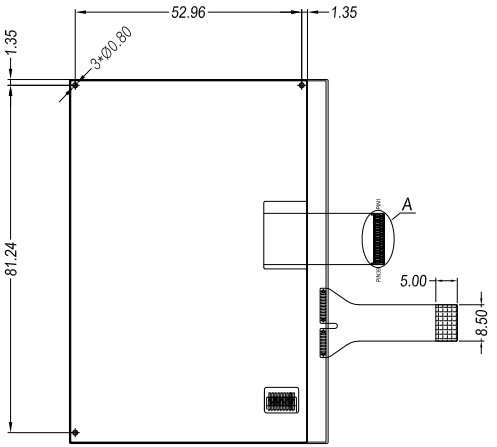
ISSUE	MODIFY DESCRIPTION	DATE
1.0	First Issue	2019.12.06
2.0	Modify PIN symbel	2020.02.24







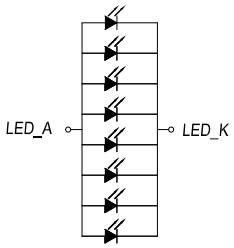
TFT ASSIGNMENT:

PIN	SYMBLE
1	GND
2	NC
3	NC
4	NC
5	NC
6	GND
7	VCC
8	IOVCC
9	CS
10	RS
11	WR
12	RD
13	RESET
14	GND
15	DB0
16	DB1
17	DB2
18	DB3
19	DB4
20	DB5
21	DB6
22	DB7
23-30	NC
31	GND
32	TE
33	GND
34	LED_K
35	NC
36	LED_A
37	GND
38	GND
39	NC

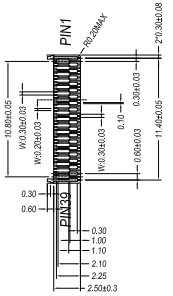
CTP ASSIGNMENT:

PIN	SYMBLE
1	GND
2	DS0(ESD)
3	RX1
4	RX2
5	RX3
6	RX4
7	RX5
8	RX6
9	RX7
10	TX1
11	TX2
12	TX3
13	TX4
14	TX5
15	DS0(ESD)
16	GND

Display Type	Transmissive,Normally White
Display Resolution	320(RGB)X480
Viewing Angle	12:00
LCD Controller/Driver	ILI9488(TFT)
LCD Driving Voltage	3.3V
Operation Temperature	-20°C TO 70°C
Storage Temperature	-30°C TO 80°C
Backlight Speciality	8PCS LEDS,Vf=3.2V,If=160mA
Remark	Surface hardness:≥6H; G+G; Channels 5*7 Luminance: 400cd/m² All materials in the drawing comply with the ROHS



LED Diagram Circuit



DETAIL A SCALE: 2.5

TITLE:	LCM Outline		
PROJECT NO:	RK035HHV162-CT816A		
DESCRIPTION:	3.5 Inch TFT+CTP		
GENERAL TOLERANCE:	±0.2		
Rocktech Displays Limited			
THIRD ANGLE PROJECTION			
	NAME	SIGN	DATE
DRAWN	Marvin Zhou		2020.02.24
CHECKED	Marvin Zhou		2020.02.24
REV: 2.0	UNIT: MM	SCALE: 1/1	SHEET: 1 OF 1