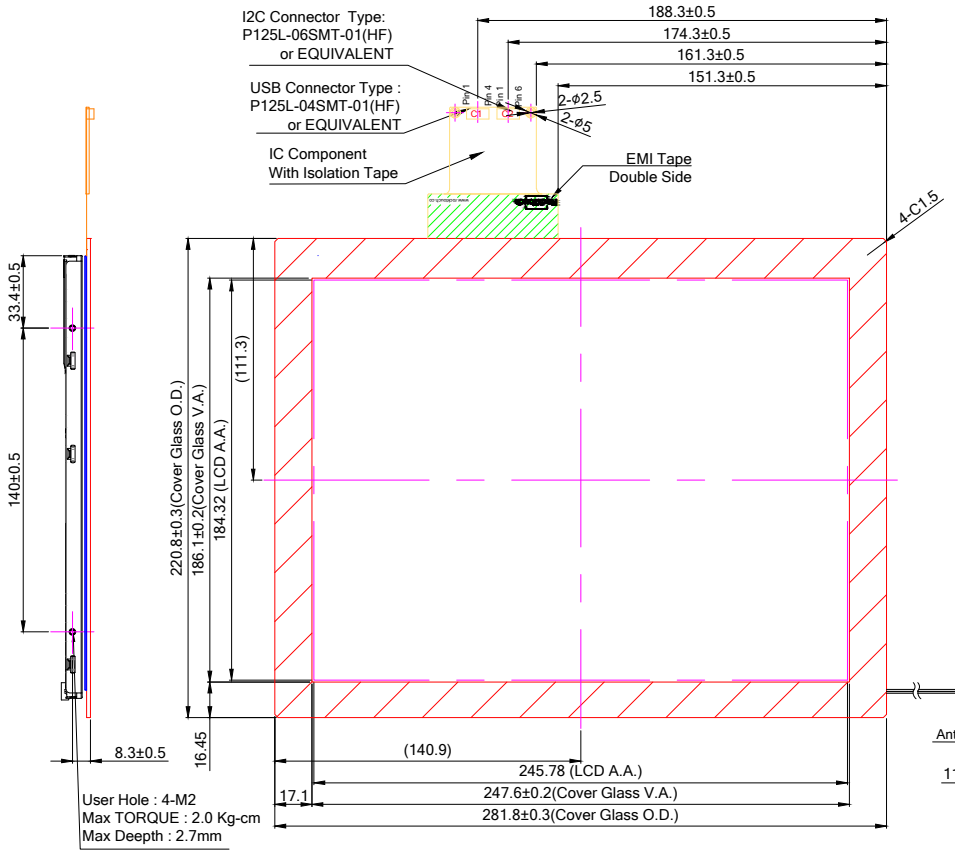
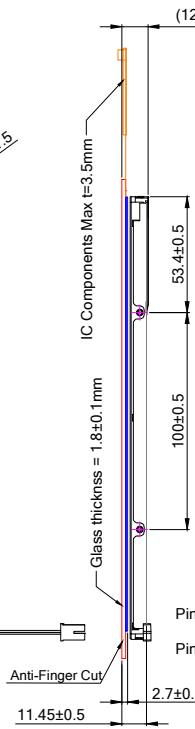
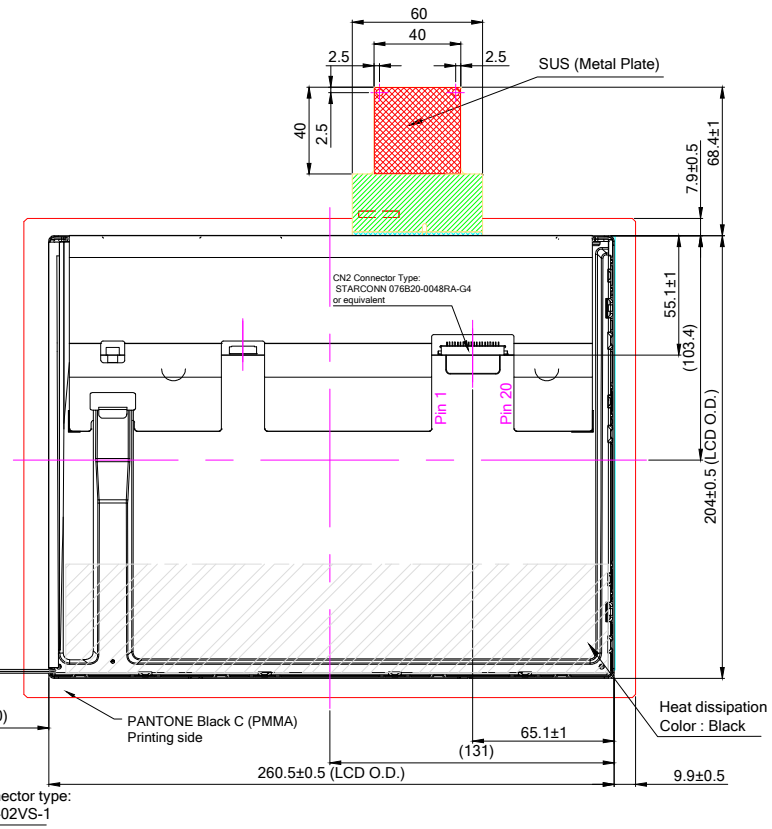
Front VIEW





Back VIEW



C1: Pin Define for USB 4 pin		C2: Pin Define for I2C 6 pin	
Pin 01	GND	Pin 01	GND
Pin 02	D-	Pin 02	SDA
Pin 03	D+	Pin 03	SCL
Pin 04	VDD	Pin 04	VDD(5V)
		Pin 05	INT
		Pin 06	RST

CN1: Pin Define	
PIN	SYMBOL
Pin 01	VLED+
Pin 02	VLED-

CN2 Pin Define			
PIN	SYMBOL	PIN	SYMBOL
1	RX3+	11	GND
2	RX3-	12	RX1+
3	NC	13	RX1-
4	SEL68	14	GND
5	GND	15	RX0+
6	RXC+	16	RX0-
7	RXC-	17	reLR
8	GND	18	reUD
9	RX2+	19	VCC
10	RX2-	20	VCC

Note:
1. Tolerance: ±0.3mm
2. Touch Finger input only or special conductive pen
3. Touch Surface Hardness: 6H (C.S. Glass)
4. Touch Transmittance: >85% (JIS-K7105)
5. Distance between LCD and touch panel need to be minimum 1.0mm otherwise touch maybe will not work correctly
6. If customer put a front cover all around need use at least 2mm thick gasket between touch and metal frame
7. Touch USB max ripple acceptable is 50mV, in other case touch will not work correctly
8. Referring to the integration guide to avoid any integration noise issue
9. LCD P/N : FLC-121GML5000SA1
10. Touch P/N : RTPC121-0001-C#00
11. Assembly Solution : DSA

Customer Approval	Part Number # REV	FLD-121GML50PCCA1	#00

		Draw. Ver.	Date	Person	Description
Date		01	20211118	Kevin	Add heat dissipation on LCD and modify Label position
Company					
Name					
Signature					

	Date	Design By	Date	Check By	Date	Approved By
First Drawing	20210414	Matt				

FUTURELABS