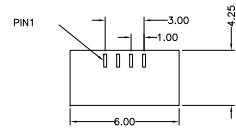
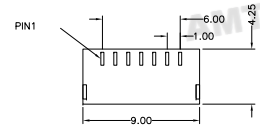


Touch Side View



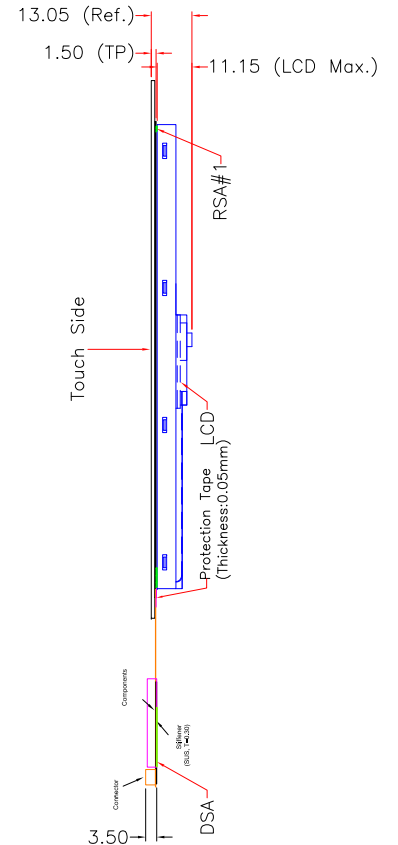
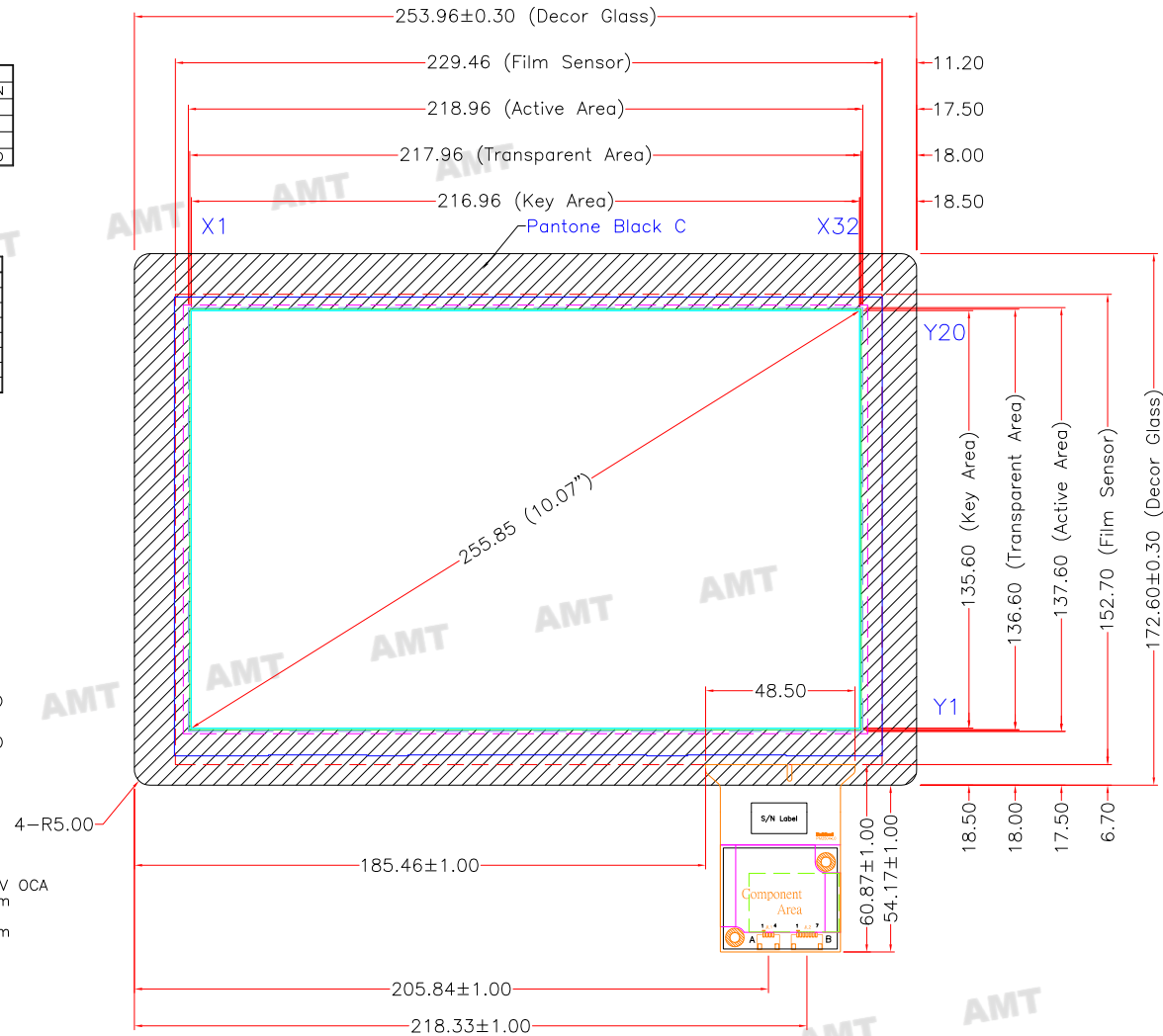
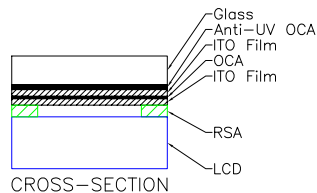
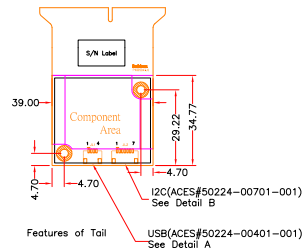
DETAIL A

PIN#	DESIGNATION
1	USB_5V
2	D-
3	D+
4	System_GND



DETAIL B

PIN#	DESIGNATION
1	VCC
2	System_GND
3	SDA
4	SCL
5	INT
6	NC
7	TP_EN

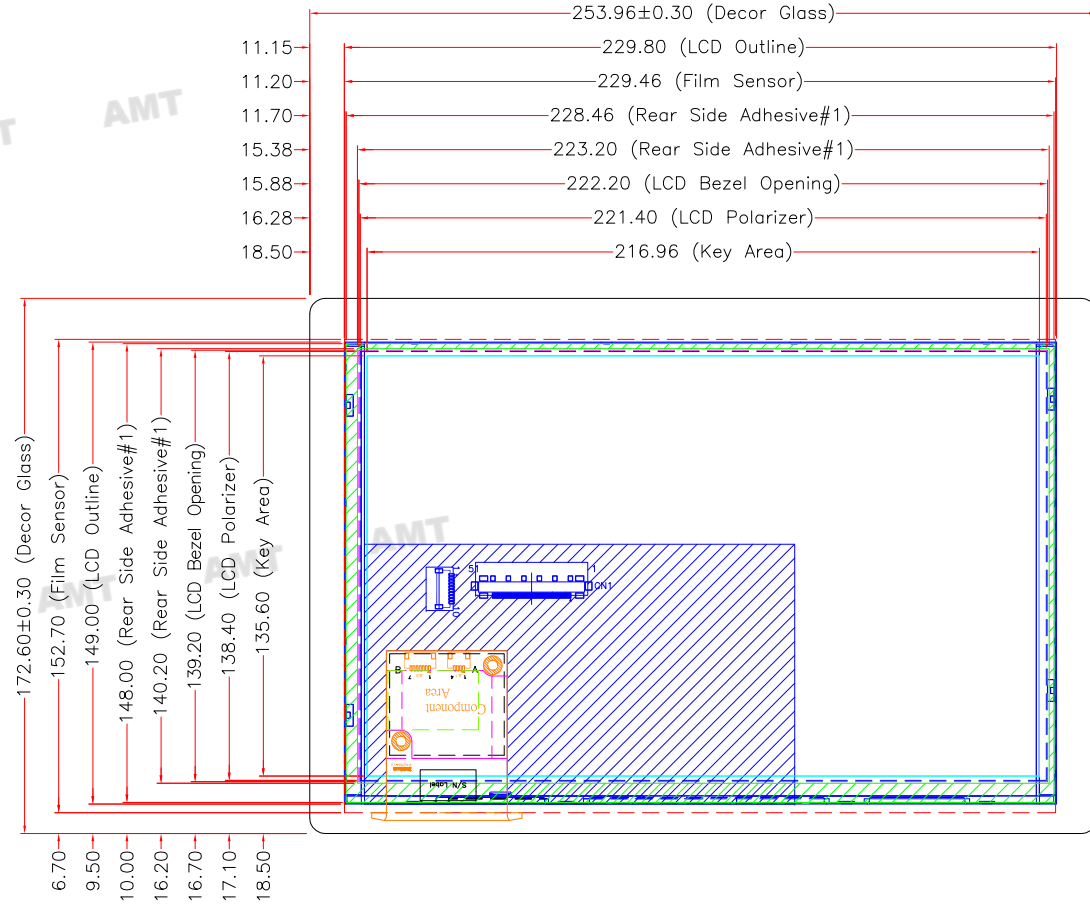


- NOTES:
- OVERALL THICKNESS : 13.05mm (FOR REFERENCE ONLY)
 - TOUCH PANEL : 92-K3105-CG0-U02
 - DECOR GLASS THICKNESS : 1.10mm(CHEMICALLY STRENGTHENED GLASS)
 - FRONT SURFACE : CLEAR
 - LCD : 26-S1010-A7W-L00
 - PROCESS : AIR BONDING
 - REAR SIDE ADHESIVE#1 : 3M VHB #4920, T:0.40mm
 - OTHER SPEC : SEE APPROVAL SHEET

Apex Material Technology Corp.						
NO.		DESCRIPTION	CHK	TOLERANCES UNLESS SPECIFIED		
REVISION				.X	± 0.50	
CHIEF OF DESIGN		APPROVED	Orly	.XX	± 0.50	
DRAWN BY	Leo	DATE	2024.06.12	.XXX	± 0.30	
SHEET 1 OF 2				SCALE	1:1	
					DWG NO: AD-96-S1010-TA0-000-014	

Rear Side View

Pin	Name	Function
1	GND	Ground
2	ENABLE_DISPLAY	NO Connect
3	VCC_DISPLAY	Power Supply Logic voltage (+3.3V)
4	VCC_DISPLAY	Power Supply Logic voltage (+3.3V)
5	GND	Ground
6	RXIN 0-	Negative LVDS differential data 0 input
7	RXIN 0+	Positive LVDS differential data 0 input
8	RXIN 1-	Negative LVDS differential data 1 input
9	RXIN 1+	Positive LVDS differential data 1 input
10	GND	Ground
11	RXIN 2-	Negative LVDS differential data 2 input
12	RXIN 2+	Positive LVDS differential data 2 input
13	RXCLKIN -	Negative LVDS differential CLK input
14	RXCLKIN +	Positive LVDS differential CLK input
15	GND	Ground
16	RXIN 3-	Negative LVDS differential data 3 input
17	RXIN 3+	Positive LVDS differential data 3 input
18	NC	NO Connect
19	NC	NO Connect
20	GND	Ground
21	NC	NO Connect
22	NC	NO Connect
23	NC	NO Connect
24	NC	NO Connect
25	GND	Ground
26	NC	NO Connect
27	NC	NO Connect
28	NC	NO Connect
29	NC	NO Connect
30	GND	Ground
31	V_BL	Power Supply LED voltage (+12.0V)
32	V_BL	Power Supply LED voltage (+12.0V)
33	V_BL	Power Supply LED voltage (+12.0V)
34	ENABLE_BL	LED enable pin
35	PWM_BL	Power input signal for LED driver
36	GND_BL	Ground for BL Circuit
37	GND_BL	Ground for BL Circuit
38	GND_BL	Ground for BL Circuit
39	NC	NO Connect
40	NC	NO Connect
41	NC	NO Connect
42	I2C_SDA	Touch I2C Data Signal
43	I2C_SCL	Touch I2C Data Clock Signal
44	TOUCH_INT	Touch INT Signal
45	TOUCH_RESET	Touch Reset Signal
46	TOUCH_VDD	Touch VDD Input
47	GND	Ground
48	USB_5V	Touch USB VDD Input
49	USB_D-	Touch USB D- Signal
50	USB_D+	Touch USB D+ Signal
51	USB_GND	Touch GND Input



 Apex Material Technology Corp.					 DWG NO: AD-96-S1010-TA0-000-014	
NO.		DESCRIPTION	CHK	TOLERANCES UNLESS SPECIFIED		
REVISION				.X	± 0.50	
CHIEF OF DESIGN		APPROVED	Only	.XX	± 0.50	
DRAWN BY	Leo	DATE	2024.06.12	.XXX	± 0.30	
SHEET 2 OF 2				SCALE	1:1	