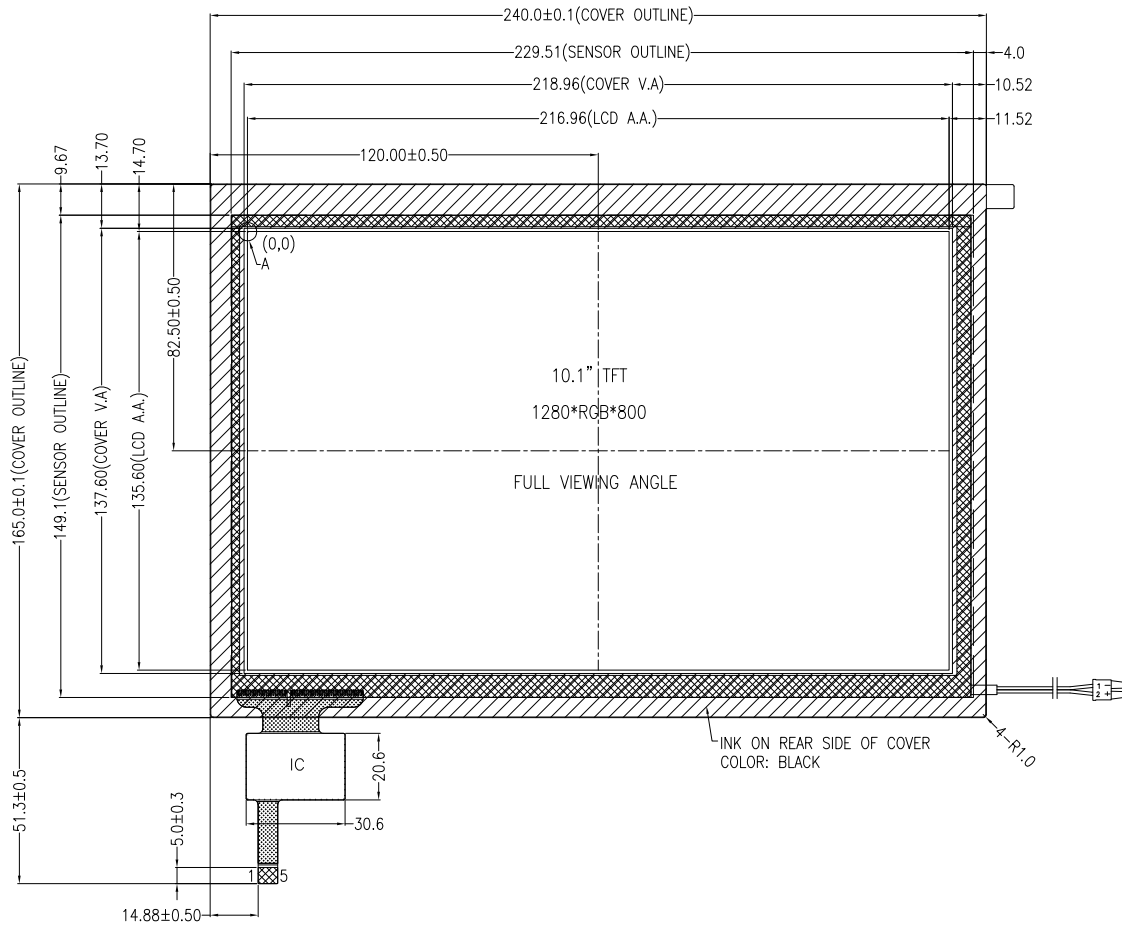


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



NOTES FOR TFT:

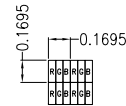
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: EK79202D
5. LED BACKLIGHT: WHITE LED, If=540mA, Vf=10.8V~13.6V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

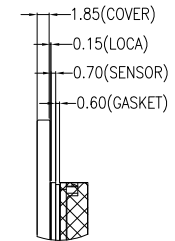
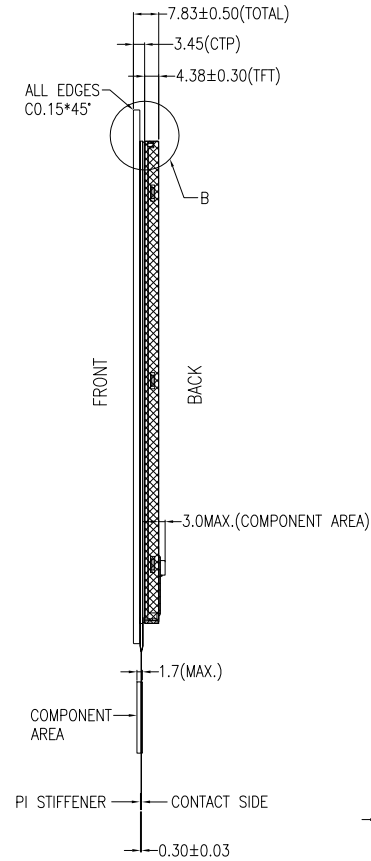
1. OPERATING TEMP.: -30°C ~ 85°C
2. STORAGE TEMP.: -40°C ~ 85°C
3. SURFACE LUMINANCE: 850 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.5MM
6. ROHS COMPLIANT

NOTES FOR CTP:

1. 10.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=5.0V
4. DRIVER IC: ILI2511
5. INTERFACE: USB
6. MULTI FINGER: UP TO 5
7. HARDNESS OF COVER SURFACE: 6H
8. FIRMWARE FILE: TBD



DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 2:1)

PIN ASSIGNMENT FOR CTP		PIN ASSIGNMENT FOR CON1	
PIN	SYMBOL	PIN	SYMBOL
1	GND	1	NC
2	NC	2	VDD
3	D+	3	VDD
4	D-	4	NC
5	VBUS	5	NC

6	NC
7	GND
8	RXIN0-
9	RXIN0+
10	GND
11	RXIN1-
12	RXIN1+
13	GND
14	RXCLKIN-
15	RXCLKIN+
16	GND
17	RXIN2-
18	RXIN2+
19	GND
20	RXIN3-
21	RXIN3+
22	GND
23	SPL_SDA
24	SPL_SCL
25	GND
26	SPL_CSB
27	NC
28	NC
29	NC
30	GND
31	NC(K)
32	NC(K)
33	NC
34	NC
35	NC
36	I2C_SDA
37	I2C_SCL
38	NC
39	NC(A)
40	NC(A)

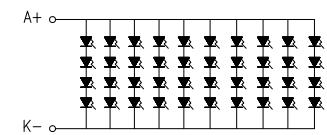
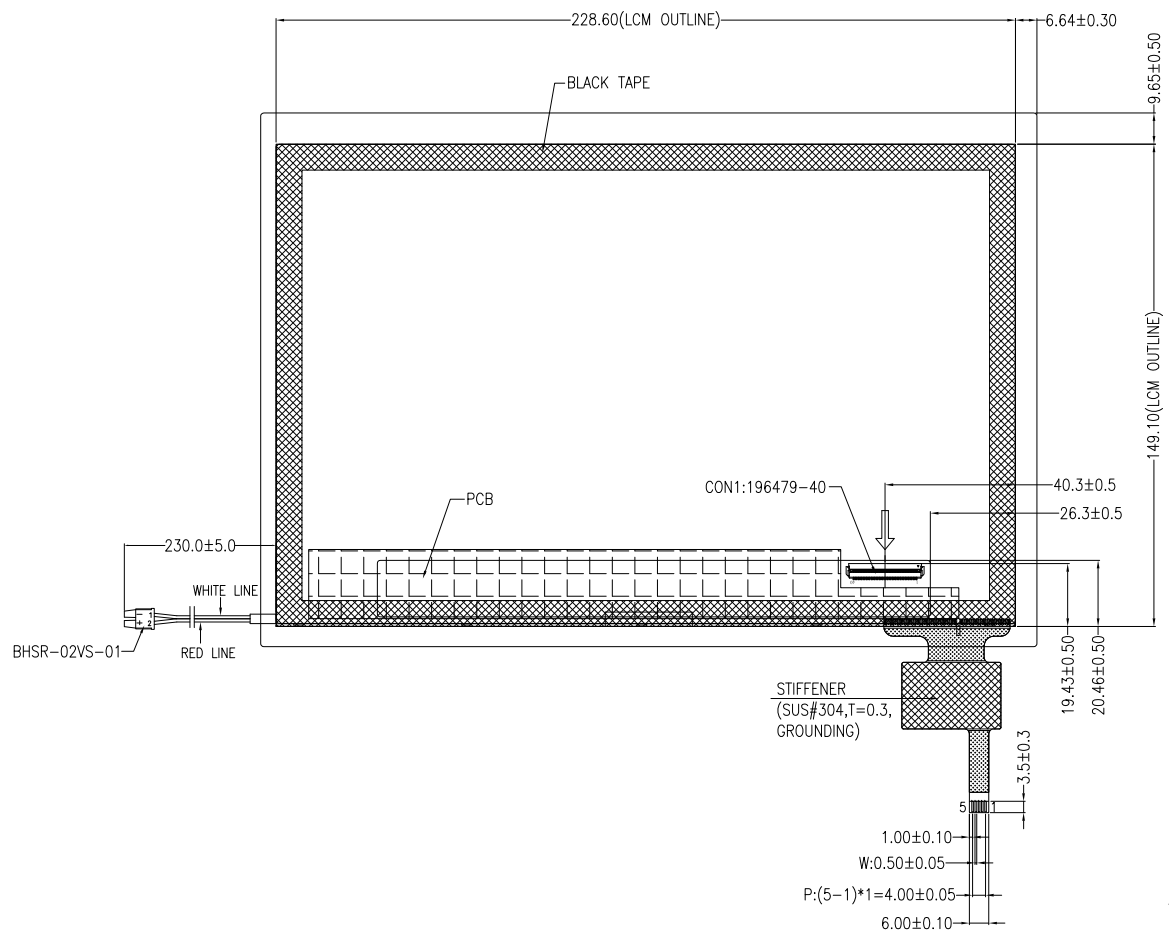
PIN ASSIGNMENT FOR BACKLIGHT	
PIN	SYMBOL
1	-
2	+



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	CAROL	2024.05.10		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI1010AWT-2CP
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/2	TFT + CTP MODULE

01	FIRST ISSUE	CAROL	2024.05.10
VER.	REVISED DESCRIPTION	REVISER	DATE



BACKLIGHT CIRCUIT DIAGRAM



MULTI-INNO TECHNOLOGY CO., LTD.

01	FIRST ISSUE	CAROL	2024.05.10	DRAWN BY:	CAROL	2024.05.10		MODULE P/N:	M1010AWT-2CP
VER.	REVISED DESCRIPTION	REVISER	DATE	CHECKED BY:			SCALE : 1/1		
				APPROVED BY:			UNIT: mm	DESCRIPTION:	TFT + CTP MODULE
				VERSION NO:	01		SHEET NO.: 2/2		