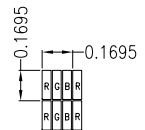
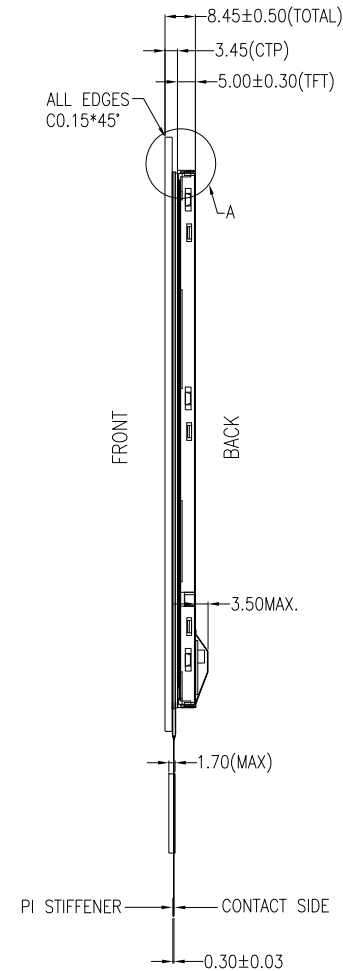
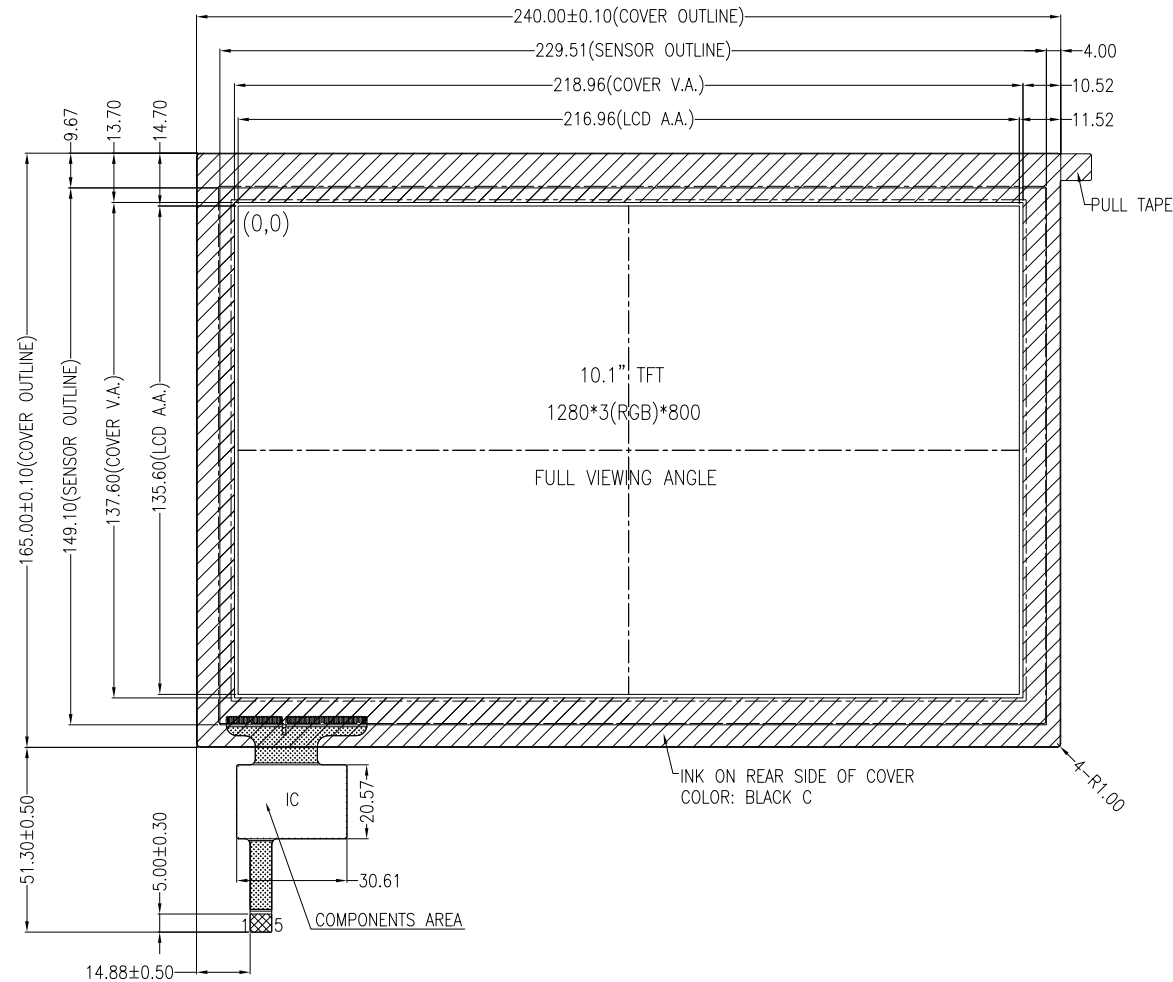


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



PIXEL DETAIL  
(SCALE 50:1)

CTP PIN DESCRIPTION		TFT PIN DESCRIPTION	
PIN	SYMBOL	PIN	SYMBOL
1	GND	1	VDD
2	NC	2	VDD
3	D+	3	VDD
4	D-	4	IOVDD
5	VBUS	5	NC
		6	NC
		7	NC
		8	ID
		9	NC
		10	GND
		11	MIPI_3N
		12	MIPI_3P
		13	GND
		14	MIPI_ON
		15	MIPI_OP
		16	GND
		17	MIPI_CLKN
		18	MIPI_CLKP
		19	GND
		20	MIPI_1N
		21	MIPI_1P
		22	GND
		23	MIPI_2N
		24	MIPI_2P
		25	GND
		26	NC
		27	NC
		28	NC
		29	NC
		30	NC
		31	LEDA
		32	LEDA
		33	LEDK
		34	LEDK
		35	LEDK
		36	LEDK
		37	LEDK
		38	LEDK
		39	GND

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: NT39212FH-D/4ED+NT51007DH-DP/4AB
5. LED BACKLIGHT: WHITE LED, If=360mA, Vf=10.8V~13.6V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 425 CD/M<sup>2</sup> (TYP.) WITH CTP
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.50MM
6. ROHS COMPLIANT

NOTES FOR CTP:

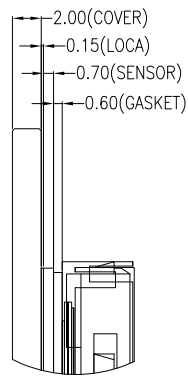
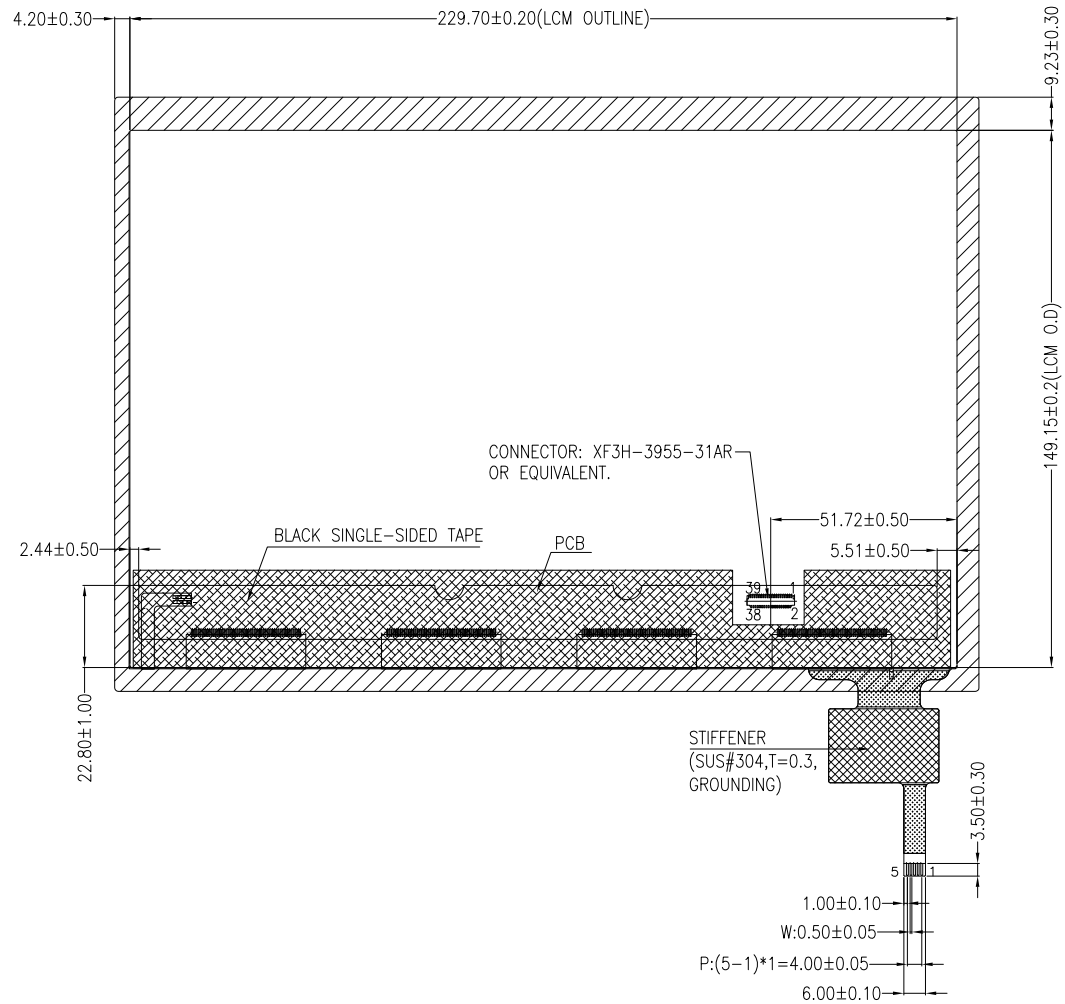
1. 10.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VBUS=5.0V
4. DRIVER IC: ILI2511 (TX:29\*RX:19)
5. INTERFACE: USB
6. MULTI FINGER: UP TO 5
7. HARDNESS OF COVER SURFACE: 6H
8. FIRMWARE FILE: M11010DIP-C2\_FIRMWARE V6.0.0.0.FF.A.5.1 20200709.HEX



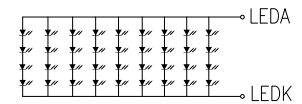
MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	CAROL	2023.09.13	SCALE : 1/1	MODULE P/N:	M11010XT-2CP4
CHECKED BY:			UNIT: mm	DESCRIPTION:	TFT + CTP MODULE
APPROVED BY:			SHEET NO.: 1/2		
VERSION NO:	01				

01	FIRST ISSUE	CAROL	2023.09.13
VER.	REVISED DESCRIPTION	REVISOR	DATE



DETAIL A  
(SCALE 4:1)



BACKLIGHT CIRCUIT DIAGRAM



MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	CAROL	2023.09.13		MODULE P/N:	MI1010XT-2CP4
CHECKED BY:			SCALE : 1/1	DESCRIPTION:	TFT + CTP MODULE
APPROVED BY:			UNIT: mm		
VERSION NO:	01		SHEET NO.: 2/2		

01	FIRST ISSUE	CAROL	2023.09.13
VER.	REVISED DESCRIPTION	REVISER	DATE