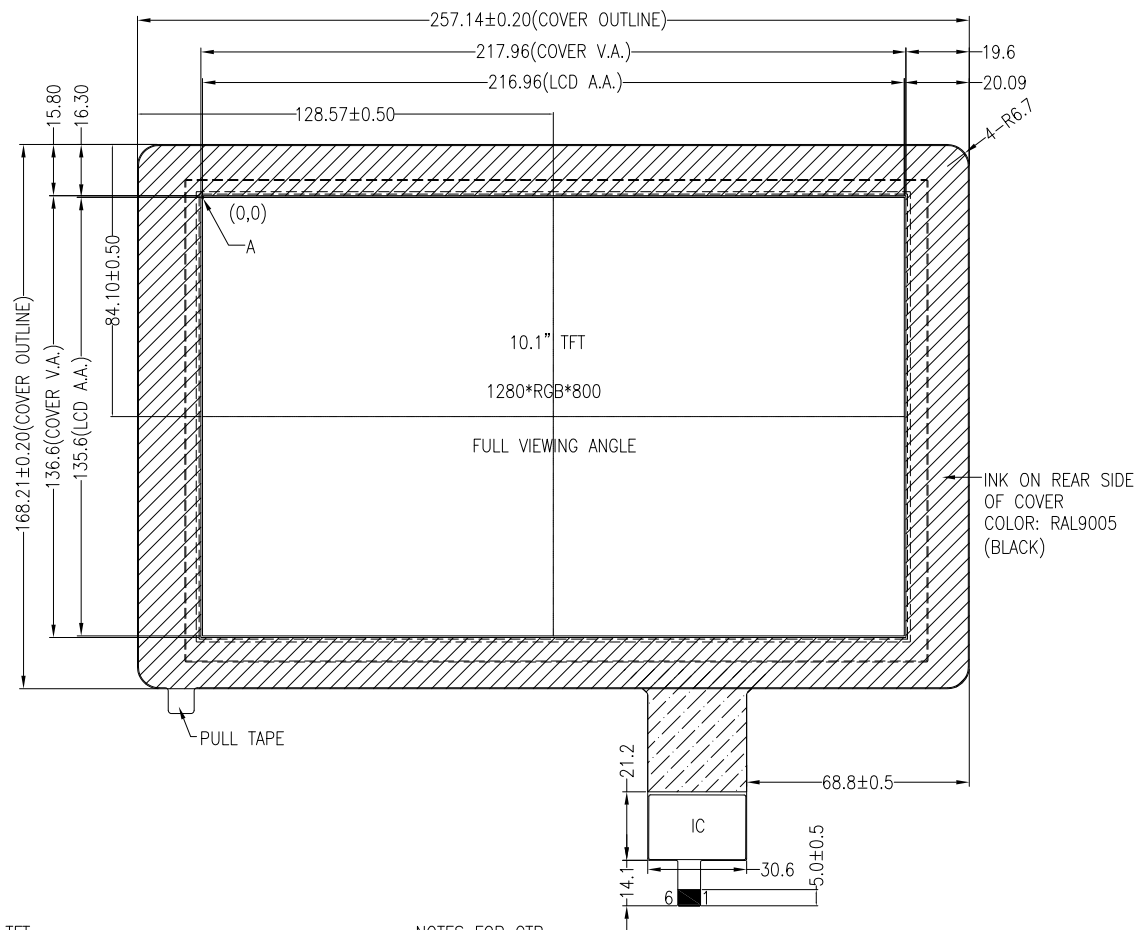


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



NOTES FOR TFT:

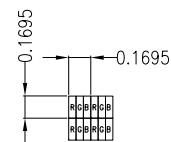
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD/LED_EN=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: HX8245 + HX8695
5. LED BACKLIGHT: WHITE LED
BUILT-IN BACKLIGHT DRIVER: VLED=10V~15V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

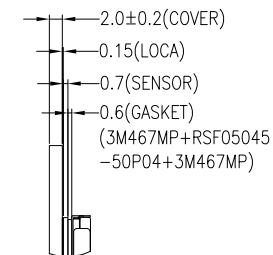
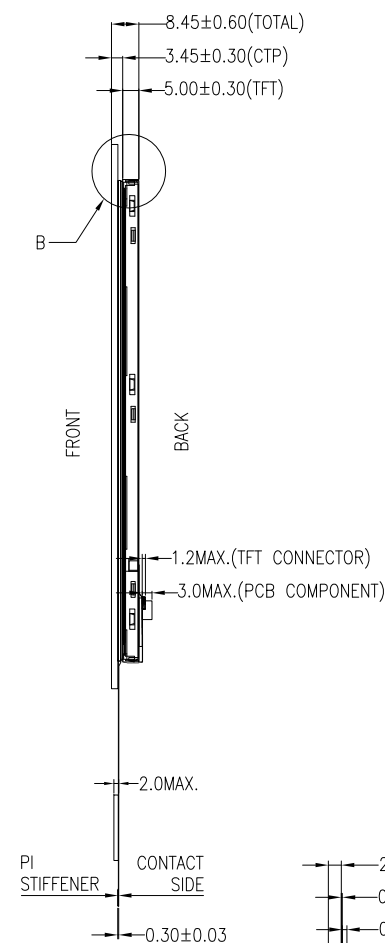
1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 510 CD/M² (TYP.) WITH CTP
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.5MM
6. ROHS COMPLIANT

NOTES FOR CTP:

1. 10.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VCC=3.3V
4. DRIVER IC: GT928
5. INTERFACE: IIC
6. RESOLUTION: 1280*800
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 6H
9. FIRMWARE FILE:
MI1010BGP-C_FIRMWARE_V68_20230220.CFG



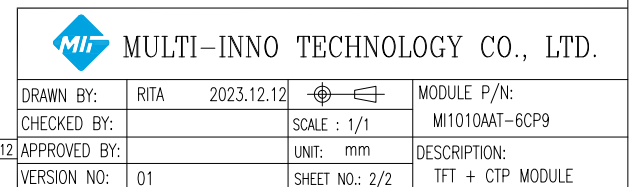
DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 2:1)

PIN ASSIGNMENT FOR CTP		PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL	PIN	SYMBOL
1	VSS	1	NC
2	/RST	2	VDD
3	/INT	3	VDD
4	SDA	4	NC
5	SCL	5	NC
6	VCC	6	NC
		7	NC
		8	RXIN0-
		9	RXIN0+
		10	GND
		11	RXIN1-
		12	RXIN1+
		13	GND
		14	RXIN2-
		15	RXIN2+
		16	GND
		17	RXCLKIN-
		18	RXCLKIN+
		19	GND
		20	RXIN3-
		21	RXIN3+
		22	GND
		23	NC
		24	NC
		25	GND
		26	NC
		27	NC
		28	GND
		29	NC
		30	NC
		31	GND
		32	GND
		33	GND
		34	NC
		35	PWM
		36	LED_EN
		37	NC
		38	VLED
		39	VLED
		40	VLED

DRAWN BY:	RITA	2023.12.12		MODULE P/N:
CHECKED BY:			SCALE : 1/1	M1010AAT-6CP9
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/2	TFT + CTP MODULE



01	FIRST ISSUE	2022.12.09	RITA	2023.12.12
VER.	REVISED DESCRIPTION		REVISER	DATE