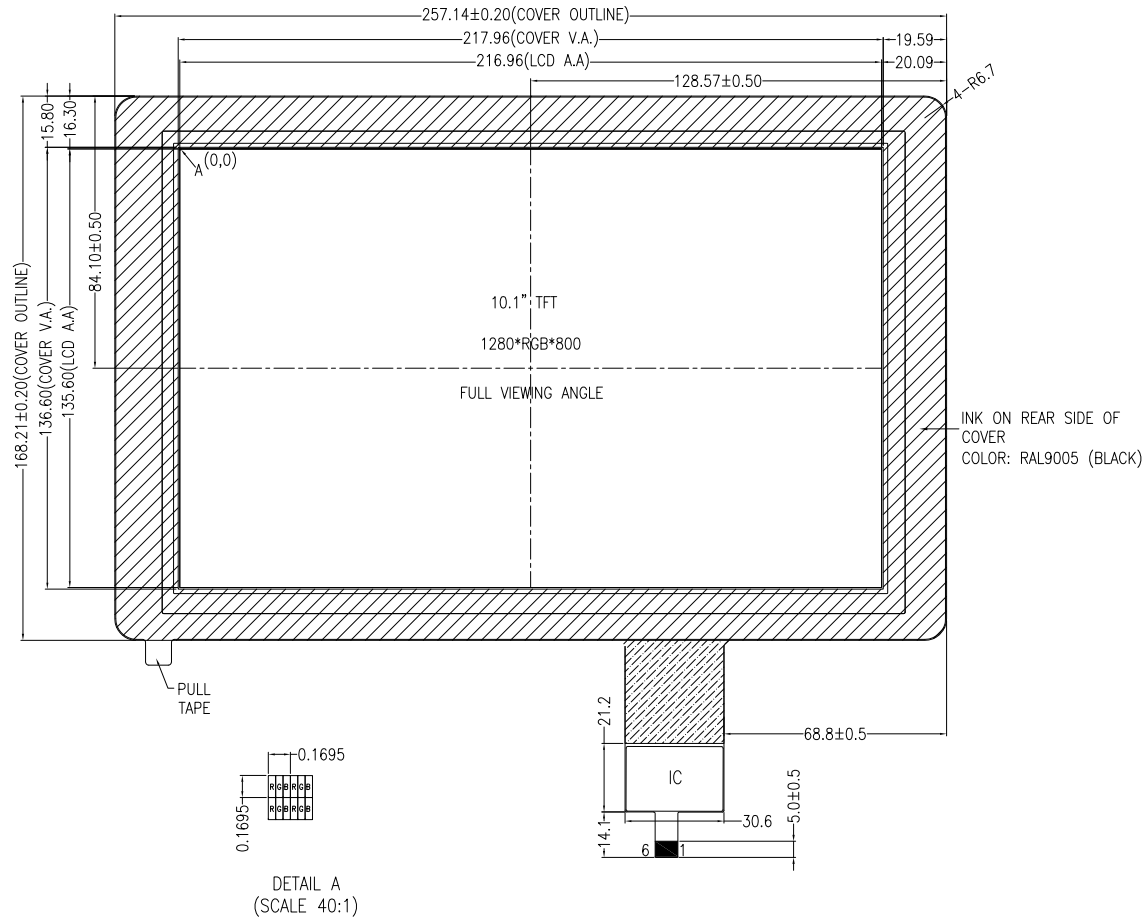


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



NOTES FOR TFT:

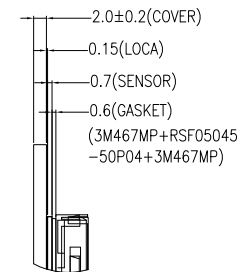
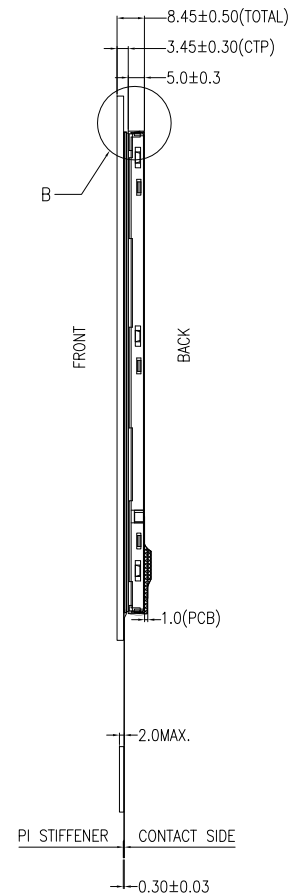
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: HX8245 + HX8695
5. LED BACKLIGHT: WHITE LED, If=225mA, Vf=10.8V~13.6V
6. TOP POLARIZER SURFACE TREATMENT: GLARE

NOTES FOR CTP:

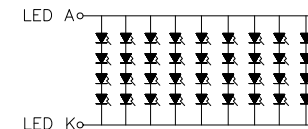
1. 10.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VCC=3.3V
4. DRIVER IC: GT928
5. INTERFACE: IIC
6. RESOLUTION: 1280*800
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 6H
9. FIRMWARE FILE:
MI1010BGP-C_FIRMWARE_V68_20230220.CFG

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



DETAIL B
(SCALE 2:1)

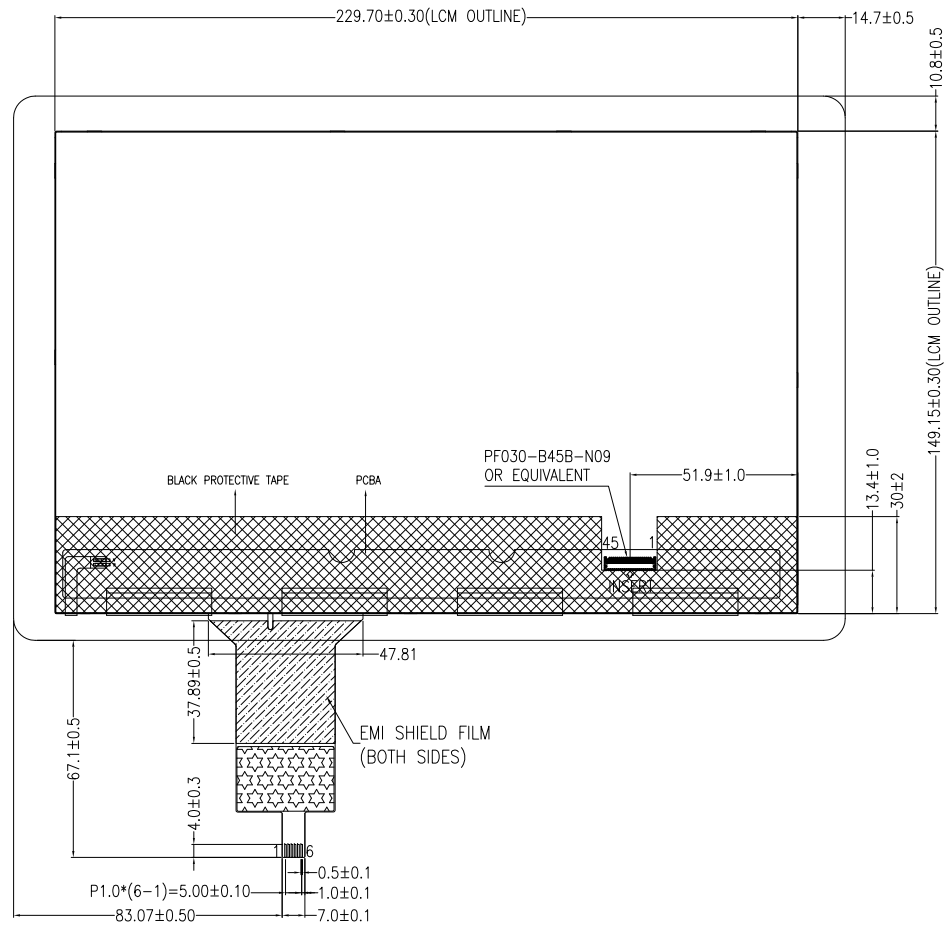


BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR CTP		PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL	PIN	SYMBOL
1	CTP_VSS	1	GND1
2	CTP_/_RST	2	ID_CHK
3	CTP_/_INT	3	NC
4	CTP_SDA	4	VDD
5	CTP_SCL	5	VDD
6	CTP_VCC	6	VDD
		7	VDD
		8	VDD
		9	WPN
		10	SCL
		11	SDA
		12	GND2
		13	GND3
		14	GND4
		15	RXIN3N
		16	RXIN3P
		17	GND5
		18	LVDS_RX_N
		19	LVDS_RX_P
		20	GND6
		21	RXIN2N
		22	RXIN2P
		23	GND7
		24	RXIN1N
		25	RXIN1P
		26	GND8
		27	RXIN0N
		28	RXIN0P
		29	GND9
		30	GND10
		31	NC
		32	LEDK
		33	LEDK
		34	LEDK
		35	LEDK
		36	NC
		37	NC
		38	NC
		39	LEDA
		40	LEDA
		41	LEDA
		42	LEDA
		43	LEDA
		44	NC
		45	GND11

01	FIRST ISSUE	2023.12.09		RITA	2023.12.28	APPROVED BY:		UNIT:	mm	DESCRIPTION:	
VER.	REVISED DESCRIPTION			REVISER	DATE	VERSION NO:	01	SHEET NO.:	1/2	TFT + CTP MODULE	

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DRAWN BY: RITA		2023.12.28	
CHECKED BY:		 MODULE P/N: MI1010AAT-3CP1	
APPROVED BY:		SCALE: 1/1	
VERSION NO: 01		UNIT: mm	
		SHEET NO.: 1/2	
		DESCRIPTION: TFT + CTP MODULE	



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DRAWN BY:	RITA	2023.12.28		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI1010AAT-3CP1
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 2/2	TFT + CTP MODULE

01	FIRST ISSUE	2022.12.09	RITA	2023.12.28
VER.	REVISED	DESCRIPTION	REVISER	DATE