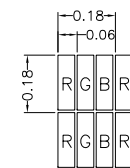
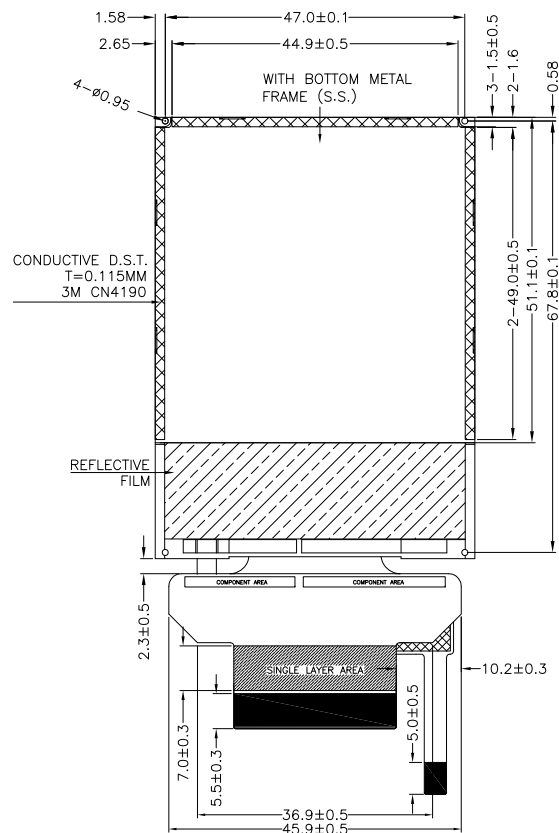
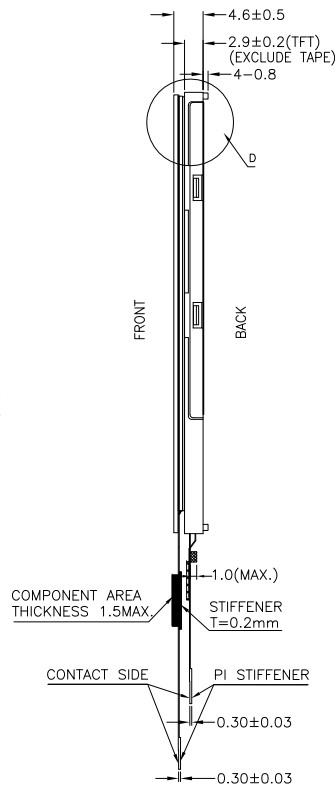
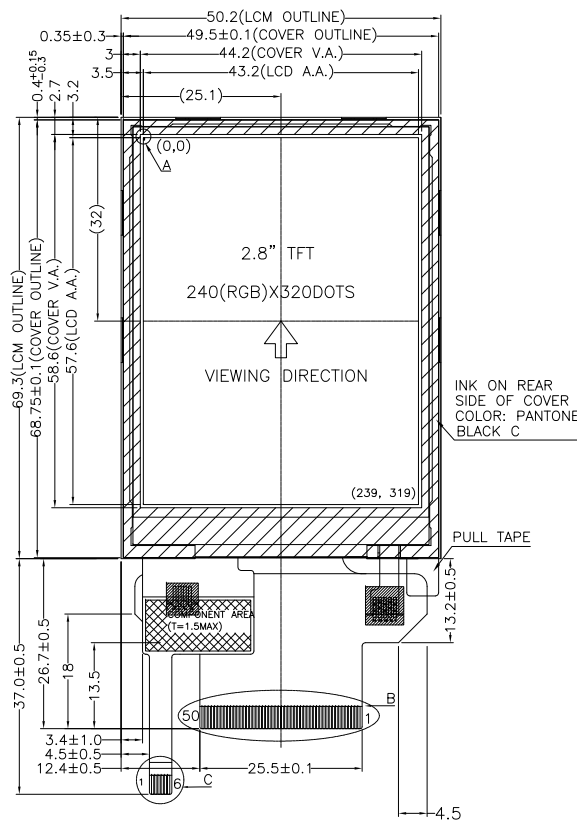
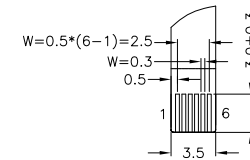


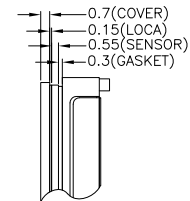
NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



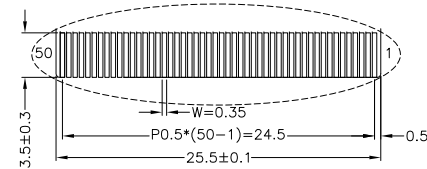
DETAIL A (SCALE 50:1)



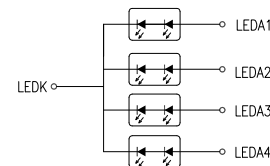
DETAIL C (SCALE 2:1)



DETAIL D (SCALE 2:1)



DETAIL B (SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR CTP		PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL	PIN	SYMBOL
1	VCC	1	LEDK
2	/RES	2	LEDA1
3	INT	3	LEDA2
4	SDA	4	LEDA3
5	SCK	5	LEDA4
6	VSS	6	IM0
		7	IM1
		8	IM2
		9	IM3
		10	RESET
		11	VSYNC
		12	HSYNC
		13	DOTCLK
		14	DE
		15	DB17
		16	DB16
		17	DB15
		18	DB14
		19	DB13
		20	DB12
		21	DB11
		22	DB10
		23	DB9
		24	DB8
		25	DB7
		26	DB6
		27	DB5
		28	DB4
		29	DB3
		30	DB2
		31	DB1
		32	DB0
		33	SDO
		34	SDI
		35	RD
		36	WRX/(D/CX)
		37	D/CX(SCL)
		38	CSX
		39	TE
		40	VDDI
		41	VDDI
		42	VCI
		43	GND
		44	NC/(X+)
		45	NC/(Y+)
		46	NC/(X-)
		47	NC/(Y-)
		48	GND
		49	GND
		50	GND

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VCI=2.8V (TYP.), VDDI=1.8V / 2.8V (TYP.)
3. VIEWING DIRECTION: 6:00 O'CLOCK
4. DRIVER IC: IL9341V
5. LED BACKLIGHT: 4-CHIP WHITE DUAL-DICE LED, If=80mA, Vf=5.4~6.8V
6. TOP POLARIZER SURFACE TREATMENT: GLARE
7. RECOMMEND MATCHING CONNECTOR: HRS FH28-50S-0.5SH OR EQUIVALENT

NOTES FOR CTP:

1. 2.83" PROJECTIVE CAPACITIVE TOUCH PANEL
2. OPERATING VOLTAGE: VCC=IOVCC=3.3V (TYP.)
3. COVER GLASS + SENSOR GLASS + FPCA
4. DRIVER IC: FT5446-P03 (SMT), IIC INTERFACE
5. MULTI-FINGER: UP TO 10
6. SURFACE HARDNESS OF COVER: >=7H
7. FIRMWARE FILE: MI0283CCP-C19 (FT5446-P03) FIRMWARE V09 20200519

NOTES FOR TFT:

1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 850CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.2MM
6. ROHS COMPLIANT

MULTI-INNO TECHNOLOGY CO.,LTD.			
DRAWN BY:	RITA 2022.12.30		MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI0283Q1T-28CP1
APPROVED BY:		UNIT: mm	DESCRIPTION:
VERSION NO:	01	SHEET NO.: 1/1	TFT +CTP MODULE

01	FIRST ISSUE	RITA	2022.12.30
VER.	REVISED DESCRIPTION	REVISER	DATE