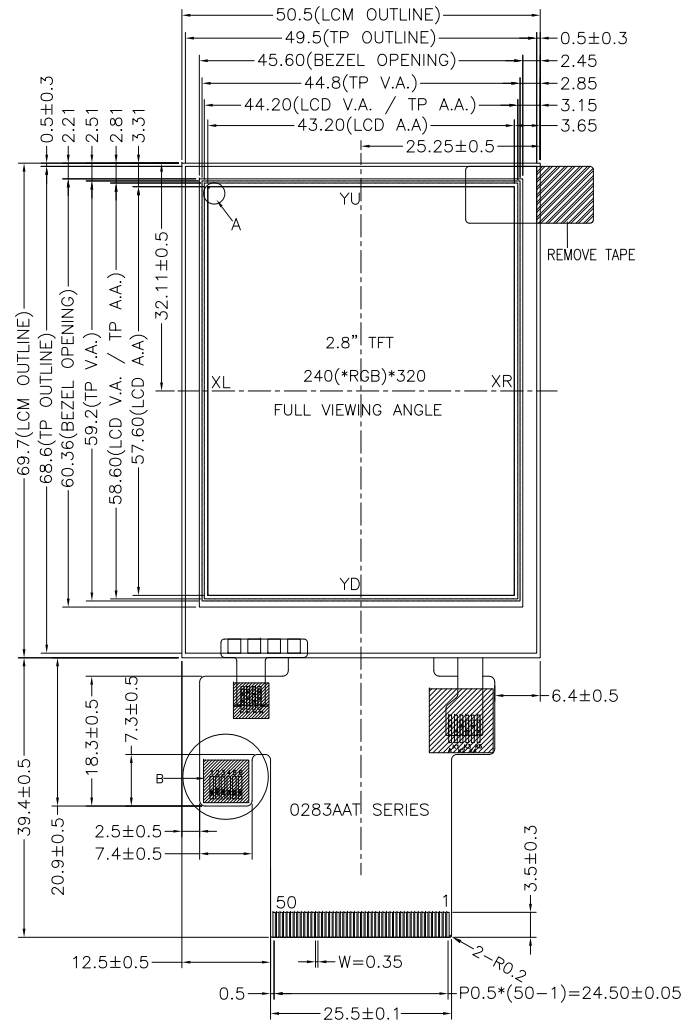
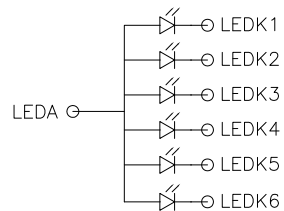


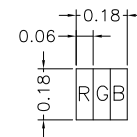
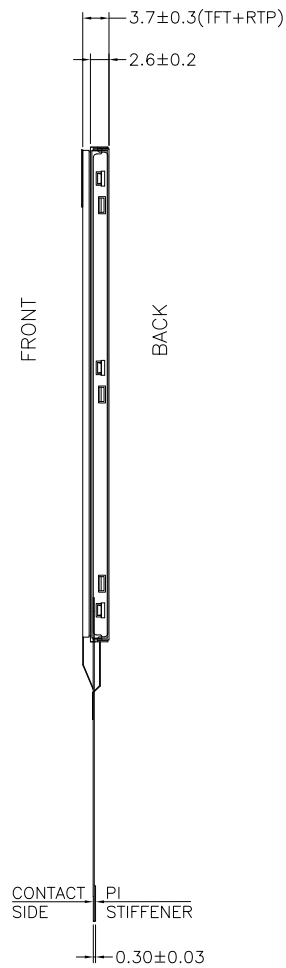


NOTES:

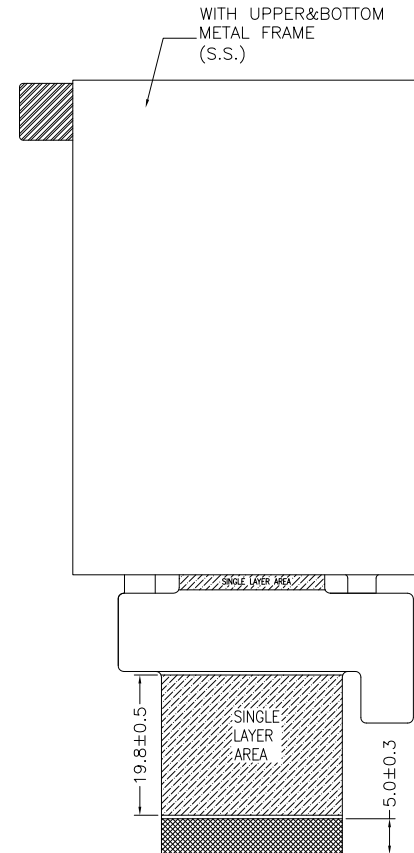
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=2.8V (TYP.), VDDI=1.8V/2.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7789T3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: WHITE LED, IF=120mA, VF=2.8V~3.4V
8. SURFACE LUMINANCE: 400CD/M² (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. RECOMMEND MATCHING CONNECTOR: HRS FH28-40S-0.5SH OR EQUIVALENT
11. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
12. GENERAL TOLERANCE: ±0.2MM
13. ROHS COMPLIANT



BACKLIGHT CIRCUIT DIAGRAM



DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 2:1)

REMARK: 1,2,3,4,5,6 MATCHES TFT PIN OUT 7,4,5,3,2,1.

PIN ASSIGNMENT	
NO.	SYMBOL
1	GND
2	XR
3	YD
4	XL
5	YU
6	VDDI
7	VDD
8	VDD
9	IM3
10	IM2
11	IM1
12	IM0
13	RESET
14	CS
15	SDA
16	RS(SPI-SCL)
17	WR(SPI-RS)
18	RD
19	VSYNC
20	HSYNC
21	ENABLE
22	DOTCLK
23	DB00
24	DB01
25	DB02
26	DB03
27	DB04
28	DB05
29	DB06
30	DB07
31	DB08
32	DB09
33	DB10
34	DB11
35	DB12
36	DB13
37	DB14
38	DB15
39	DB16
40	DB17
41	SDO
42	GND
43	LEDA
44	LEDK1
45	LEDK2
46	LEDK3
47	LEDK4
48	LEDK5
49	LEDK6
50	GND



MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	RITA	20230529	SCALE : 1/1	MODULE P/N:
CHECKED BY:			UNIT: mm	MI0283AAT-7RP
APPROVED BY:				DESCRIPTION:
VERSION NO:	01			TFT + RTP MODULE

01	FIRST ISSUE	RITA	2023.05.29
VER.	REVISED DESCRIPTION	REVISER	DATE