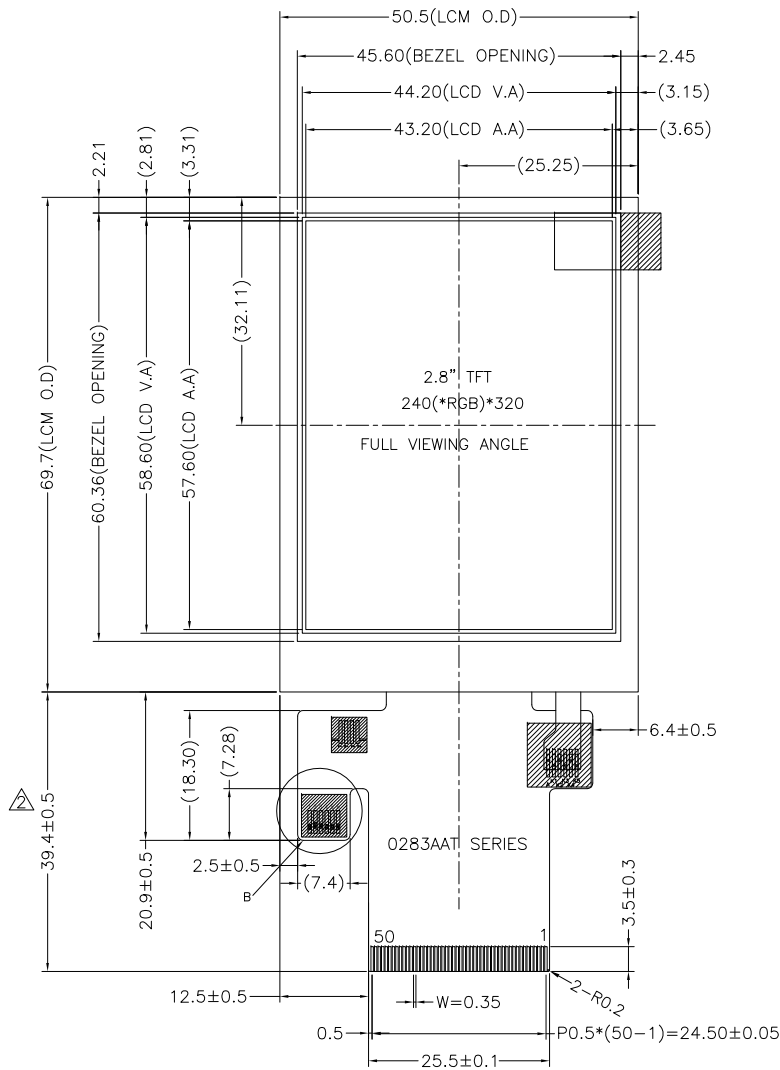
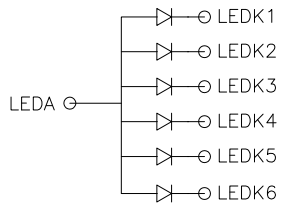


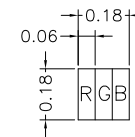
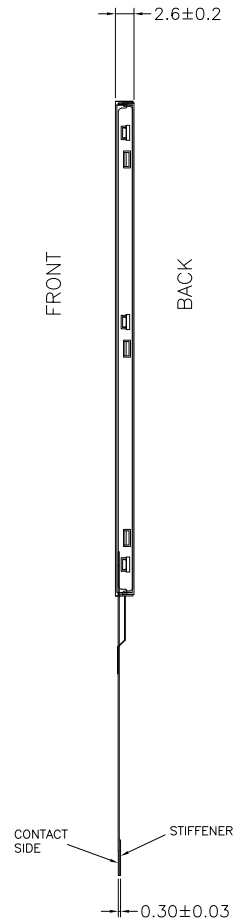


NOTES:

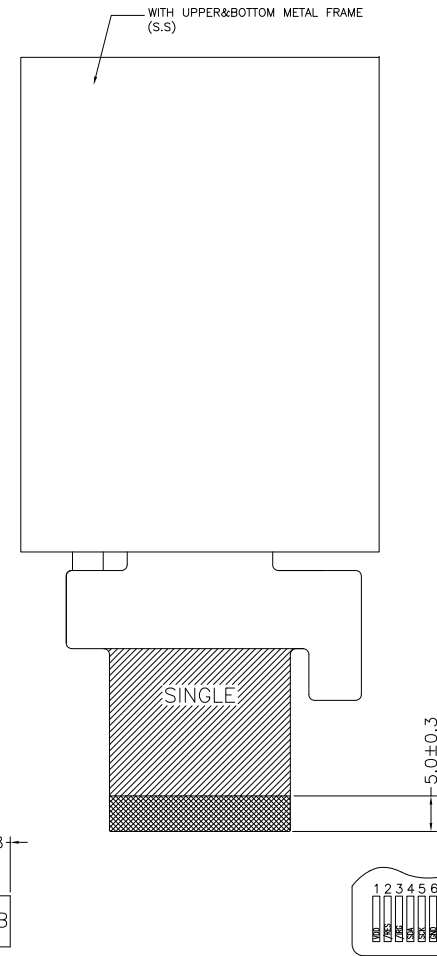
1. DISPLAY TYPE: IPS TFT/TRANSMISSIVE/NORMALLY BLACK.
2. OPERATING VOLTAGE: VDD=2.8V(TYP.),VDDI=1.8V/2.8V(TYP.).
3. VIEWING DIRECTION: FULL VIEWING ANGLE.
4. DRIVER IC: ST7789V2.
5. OPERATING TEMP.: -20°~70°.
6. STORAGE TEMP.: -30°~80°.
7. BACKLIGHT: 6-CHIP LED, IF=120mA, VF=2.8V~3.4V.
8. SURFACE LUMINANCE: 500CD/M²(TYP.).
9. TREATMENT OF TOP SURFACE: ANTI-GLARE.
10. GENERAL TOLERANCE: ±0.2mm.
11. ROHS COMPLIANT.



BACKLIGHT CIRCUIT DIAGRAM



DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 2:1)

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

NO.	PIN ASSIGNMENT
1	GND
2	NC(XR)(CTP_SCL)
3	NC(YD)(CTP_SDA)
4	NC(XL)(CTP_RST)
5	NC(YU)(CTP_/INT)
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.

05	CORRECT IC DRIVER FROM ST7789V TO ST7789V2.	CAROL	2021.02.24
04	MODIFY THE MATCHING RELATION BETWEEN THE RESERVED CTP ID AND TFT ID.	JACK	2019.06.21
03	ADD DETAIL B	RITA	2019.06.14
02	MODIFY THE FPC LENGTH	RITA	2019.06.14
01	FIRST ISSUE	JACK	2019.06.13
VER.	REVISED DESCRIPTION	REVISER	DATE

DRAWN BY:	JACK	2019.06.13	SCALE : 1/1	MODULE P/N:
CHECKED BY:			UNIT: mm	MI0283AAT-7
APPROVED BY:				DESCRIPTION:
VERSION NO:	05			TFT MODULE