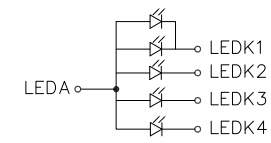
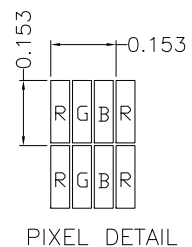
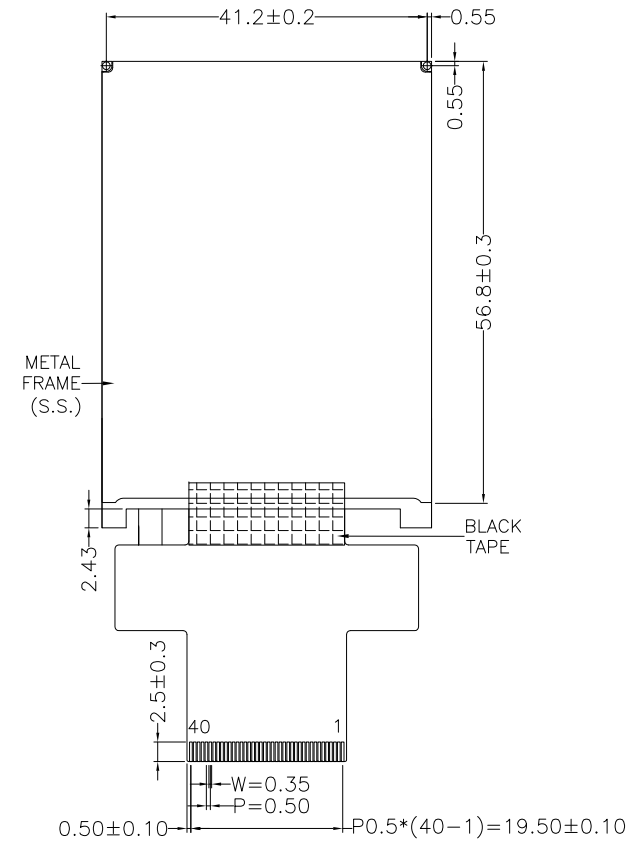
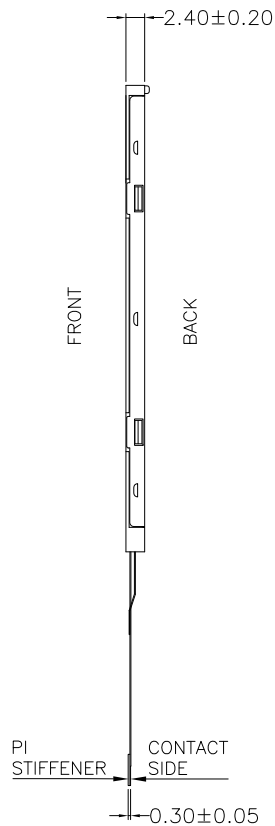
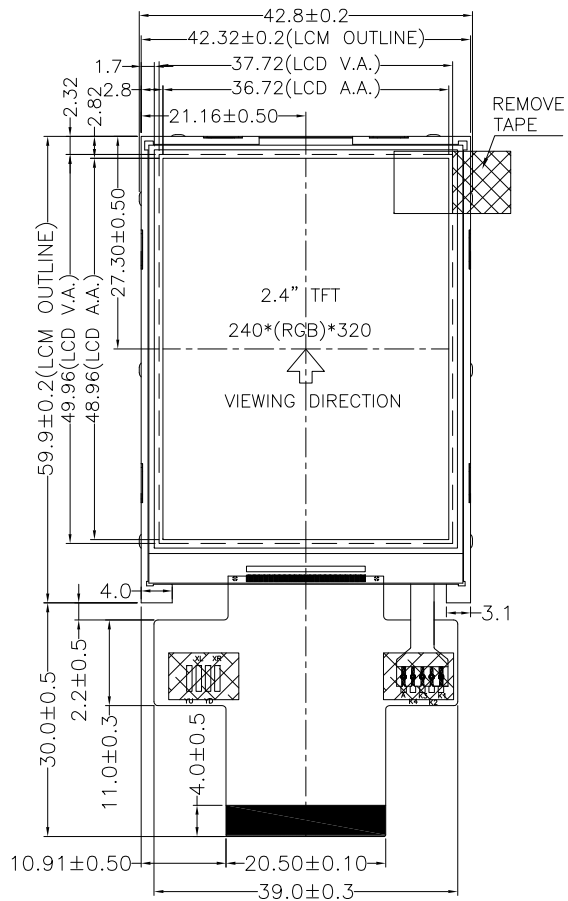


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE BACKLIGHT UNIT ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE BACKLIGHT UNIT.



BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDD=IOVDD=2.8V (TYP.)
3. VIEWING DIRECTION: 6:00 O'CLOCK
4. DRIVER IC: ST7789T3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. BACKLIGHT: WHITE LED, IF=100MA, VF=2.8V~3.2V
8. SURFACE LUMINANCE: 1000CD/M<sup>2</sup> (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. RECOMMEND MATCHING CONNECTOR: HRS FH19SC-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

PIN ASSIGNMENT

PIN	SYMBOL
1	GND
2	NC
3	NC
4	NC
5	NC
6	NC
7	VDD
8	IOVDD
9	NC
10	/CS
11	D/C
12	/WR
13	/RD
14	DB0
15	DB1
16	DB2
17	DB3
18	DB4
19	DB5
20	DB6
21	DB7
22	DB8
23	DB9
24	DB10
25	DB11
26	DB12
27	DB13
28	DB14
29	DB15
30	RES
31	IMO
32	NC
33	GND
34	LED_K1
35	LED_K2
36	LED_K3
37	LED_K4
38	LED_A
39	GND
40	NC

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	2023.04.28		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0240A4T-2
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO.:	01		SHEET NO.: 1/1	TFT MODULE

01	FIRST ISSUE	RITA	2023.04.28
VER.	REVISED DESCRIPTION	REVISER	DATE