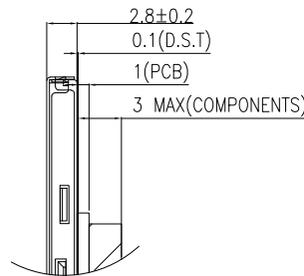
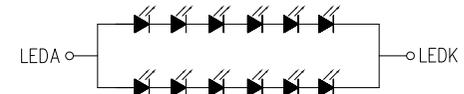


DETAIL A
(SCALE 100:1)



DETAIL B
(SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: 12 O'CLOCK
4. CONTROLLER: SSD1963
5. DRIVER IC: ILI5960+ILI16137
6. OPERATING TEMP: -20°C ~ 70°C
7. STORAGE TEMP: -30°C ~ 80°C
8. BACKLIGHT TYPE: WHITE LED, If=40mA, Vf=16.2V~20.4V
9. SURFACE LUMINANCE: 450CD/M² (TYP.)
10. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
11. RECOMMEND MATCHING CONNECTOR: 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. UNMARKED TOLERANCE: ±0.3MM
13. ROHS COMPLIANT

PIN ASSIGNMENT

PIN	SYMBOL
1	E_GND
2	DGND
3	VLED
4	LEDK
5	/REST
6	RS
7	/CS
8	/WR
9	/RD
10	DB0
11	DB1
12	DB2
13	DB3
14	DB4
15	DB5
16	DB6
17	DB7
18	DB8
19	DB9
20	DB10
21	DB11
22	DB12
23	DB13
24	DB14
25	DB15
26	DB16
27	DB17
28	GND
29	GND
30	NC(CTP_SCL)
31	NC(CTP_SDA)
32	NC
33	NC(CTP_RST)
34	NC(CTP_INT)
35	VDD
36	VDD
37	VDD
38	DNG
39	DGND
40	E_GND



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	TUFFY	UNIT: mm	MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI0500P3T-2-B
APPROVED BY:		SHEET NO: 1/1	DESCRIPTION:
VERSION NO:	01		TFT MODULE

01	FIRST ISSUE	TUFFY	2025.07.29
VER.	REVISED DESCRIPTION	REVISER	DATE