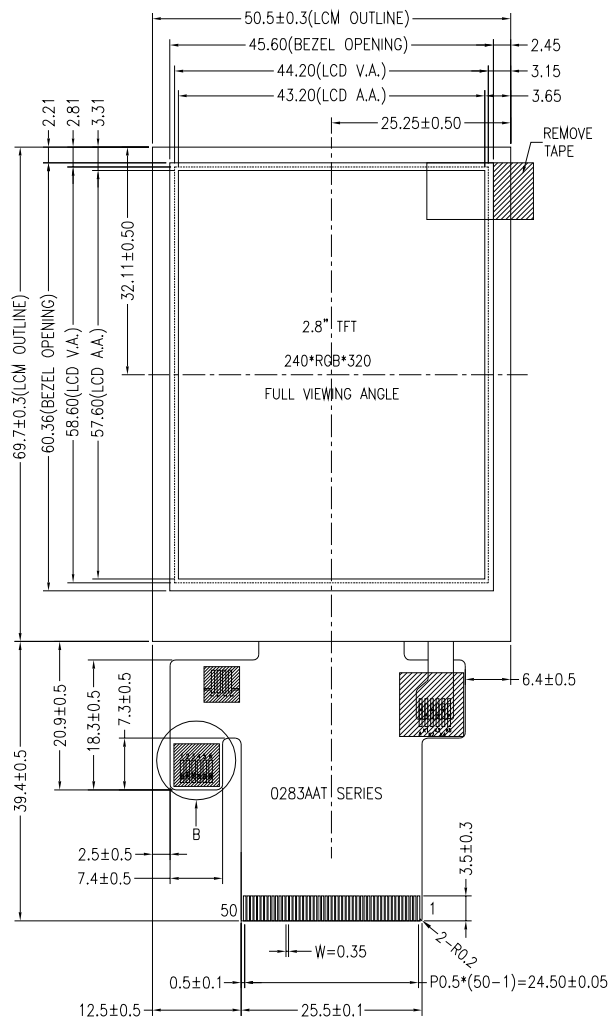
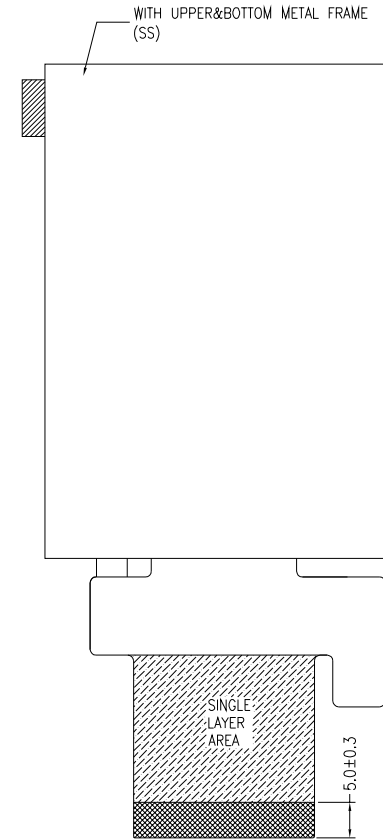
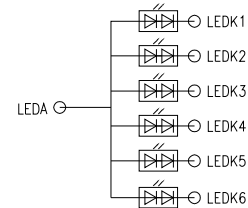


DETAIL A  
(SCALE 40:1)



| PIN ASSIGNMENT FOR LCM |                 |     |        |
|------------------------|-----------------|-----|--------|
| PIN                    | SYMBOL          | PIN | SYMBOL |
| 1                      | GND             | 26  | DB03   |
| 2                      | NC(XR)(CTP_SCL) | 27  | DB04   |
| 3                      | NC(YD)(CTP_SDA) | 28  | DB05   |
| 4                      | NC(XL)(CTP_RST) | 29  | DB06   |
| 5                      | NC(YU)(CTP_INT) | 30  | DB07   |
| 6                      | VDDI            | 31  | DB08   |
| 7                      | VDD             | 32  | DB09   |
| 8                      | VDD             | 33  | DB10   |
| 9                      | IM3             | 34  | DB11   |
| 10                     | IM2             | 35  | DB12   |
| 11                     | IM1             | 36  | DB13   |
| 12                     | IM0             | 37  | DB14   |
| 13                     | RESET           | 38  | DB15   |
| 14                     | CS              | 39  | DB16   |
| 15                     | SDA             | 40  | DB17   |
| 16                     | RS(SPI_SCL)     | 41  | SDO    |
| 17                     | WR(SPI_RS)      | 42  | GND    |
| 18                     | RD              | 43  | LEDA   |
| 19                     | VSYNC           | 44  | LEDK1  |
| 20                     | HSYNC           | 45  | LEDK2  |
| 21                     | ENABLE          | 46  | LEDK3  |
| 22                     | DOTCLK          | 47  | LEDK4  |
| 23                     | DB00            | 48  | LEDK5  |
| 24                     | DB01            | 49  | LEDK6  |
| 25                     | DB02            | 50  | GND    |



BACKLIGHT CIRCUIT DIAGRAM



DETAIL B  
(SCALE 2:1)

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

NOTES:

- DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
- OPERATING VOLTAGE: VDD=2.8V (TYP.), VDDI=1.8V/2.8V(TYP.)
- VIEWING DIRECTION: FULL VIEWING ANGLE
- DRIVER IC: SI7789T3
- OPERATING TEMP.: -20°C ~ 70°C
- STORAGE TEMP.: -30°C ~ 80°C
- LED BACKLIGHT: WHITE LED, IF=120MA, VF=5.6V~6.8V
- SURFACE LUMINANCE: 1000CD/M<sup>2</sup> (TYP.)
- TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
- RECOMMEND MATCHING CONNECTOR: HRS FH28-50S-0.5SH OR EQUIVALENT
- ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
- GENERAL TOLERANCE: ±0.2MM
- ROHS COMPLIANT

| Mli MULTI-INNO TECHNOLOGY CO.,LTD. |      |            |                         |
|------------------------------------|------|------------|-------------------------|
| DRAWN BY:                          | RITA | 2024.07.24 | SCALE : 1/1             |
| CHECKED BY:                        |      |            | UNIT: mm                |
| APPROVED BY:                       |      |            | DESCRIPTION: TFT MODULE |
| VERSION NO:                        | 01   |            |                         |

| 01   | FIRST ISSUE         | RITA    | 2024.07.24 |
|------|---------------------|---------|------------|
| VER. | REVISED DESCRIPTION | REVISER | DATE       |