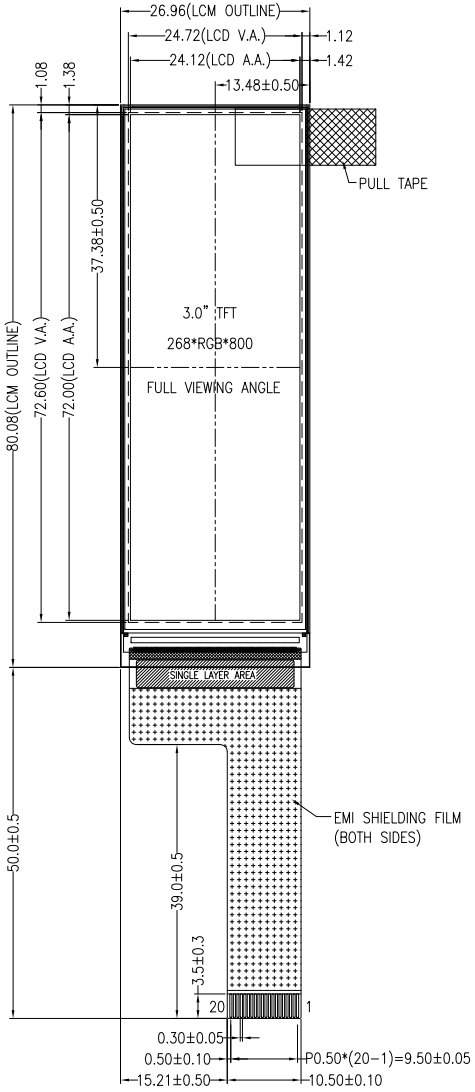
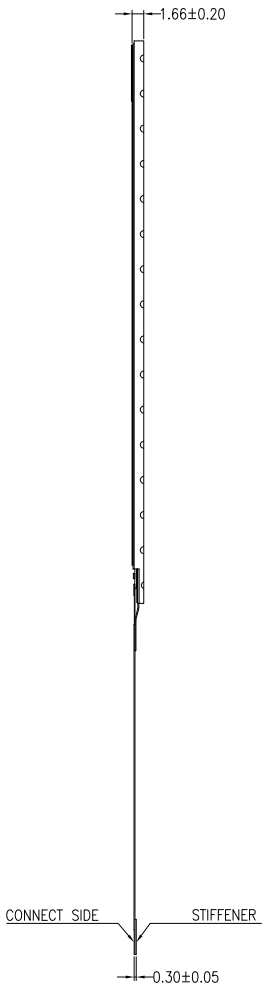
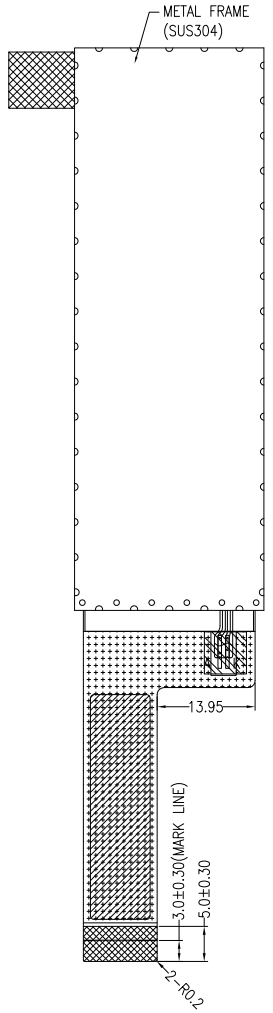


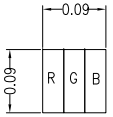




PIN ASSIGNMENT	
PIN	SYMBOL
1	NC
2	LEDK
3	NC
4	LEDA
5	NC
6	VCI
7	IOVCC
8	TE
9	RESET
10	GND
11	MIPI_D1P
12	MIPI_D1N
13	GND
14	MIPI_CLP
15	MIPI_CLN
16	GND
17	MIPI_D0P
18	MIPI_D0N
19	GND
20	GND

NOTES:

1. DISPLAY TYPE: TFT TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCI=3.3V, IOVCC=1.8V (TYP)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7701
5. OPERATING TEMP: −20°C ~ 70°C
6. STORAGE TEMP: −30°C ~ 80°C
7. BACKLIGHT TYPE: WHITE LED, If=20mA, Vf=16.2V~19.8V
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
11. UNMARKED TOLERANCE: ±0.2MM
12. ROHS COMPLIANT



PIXEL DETAIL
(SCALE 100:1)

BACKLIGHT CIRCUIT DIAGRAM

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	TUFFY		MODULE P/N: MI0300RT-1
CHECKED BY:		SCALE : 1/1	
APPROVED BY:		UNIT: mm	DESCRIPTION: TFT MODULE
VERSION NO:	01	SHEET NO: 1/1	

VER.	REVISED DESCRIPTION	REVISER	DATE
01	FIRST ISSUE	TUFFY	2025.08.26