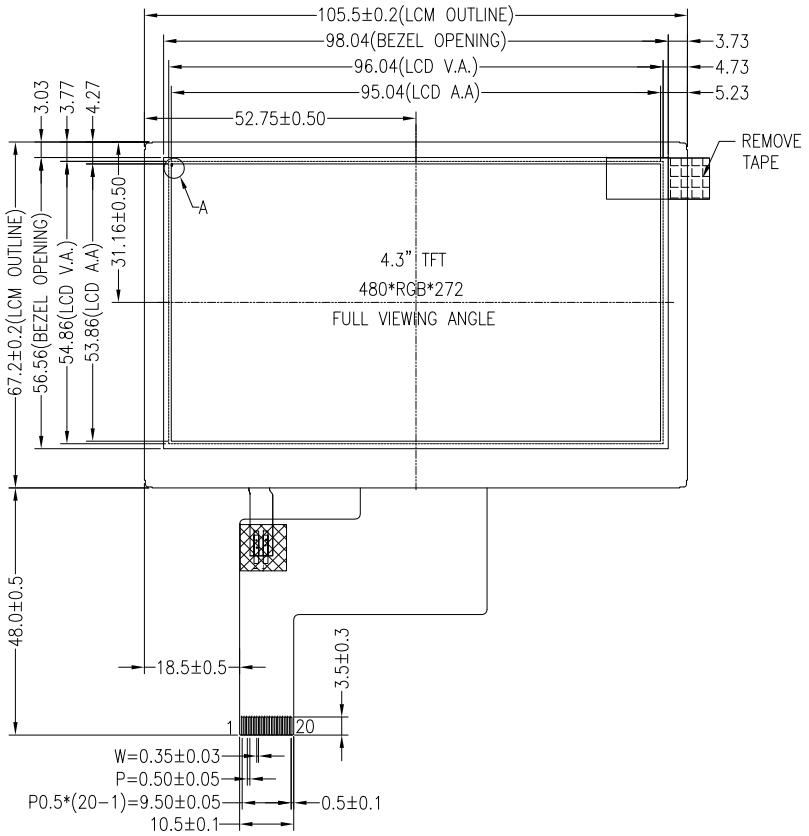
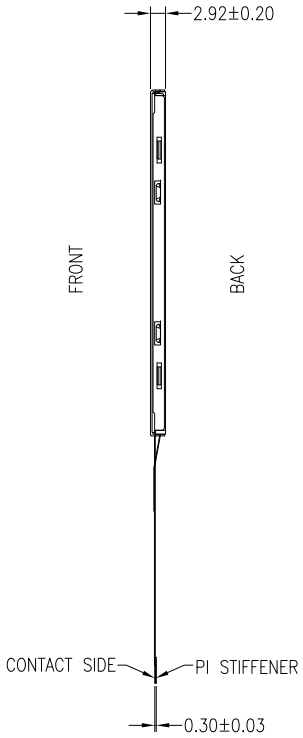
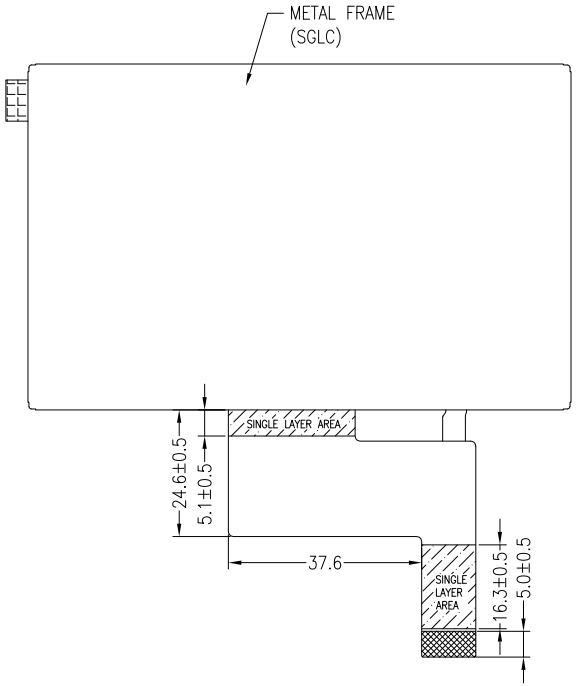
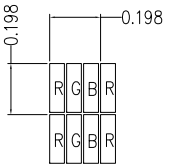


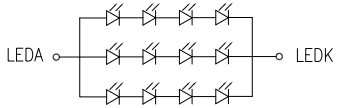




PIN ASSIGNMENT	
PIN	SYMBOL
1	VCI
2	IOVCC
3	GND
4	RESET
5	GND
6	CS
7	SCL
8	GND
9	SDA
10	DCX
11	NC
12	SPI4W
13	GND
14	TE
15	GND
16	IM0
17	IM1
18	IM2
19	LEDA
20	LEDK



DETAIL A
(SCALE 50:1)



BACKLIGHT CIRCUIT DIAGRAM

IM2	IM1	IM0	SPI4W	INTERFACE
0	0	1	0	3WIRE
0	0	1	1	4WIRE
0	1	0	0	DUAL

DCX IS PULL HIGH OR OPEN WHEN NO USE

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCI=3.3V (TYP.), IOVCC=1.8V/3.3V (TYP)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: NV3041
5. OPERATING TEMP.: -30°C ~ 80°C
6. STORAGE TEMP.: -40°C ~ 85°C
7. BACKLIGHT TYPE: WHITE LED, IF=60mA, VF=11.2V~13.6V
8. SURFACE LUMINANCE: 1100CD/M^2 (TYP.)
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. GENERAL TOLERANCE: ±0.3MM
12. ROHS COMPLIANT

VER.	REVISED DESCRIPTION	REVISER	DATE
01	FIRST ISSUE	RITA	2025.07.07

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA		MODULE P/N: MI0430ALT-2
CHECKED BY:		SCALE : 1/1	
APPROVED BY:		UNIT: mm	DESCRIPTION: TFT MODULE
VERSION NO:	01	SHEET NO: 1/1	