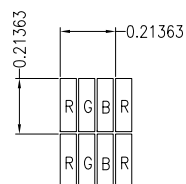
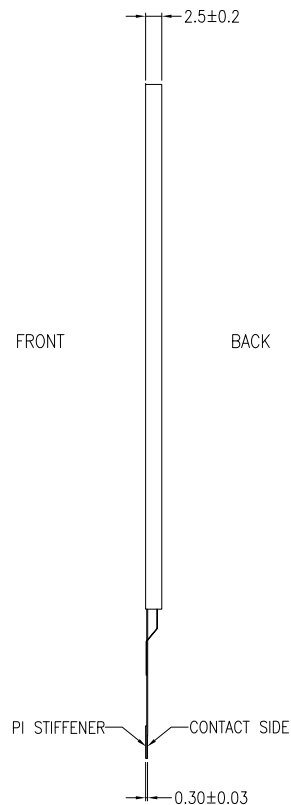
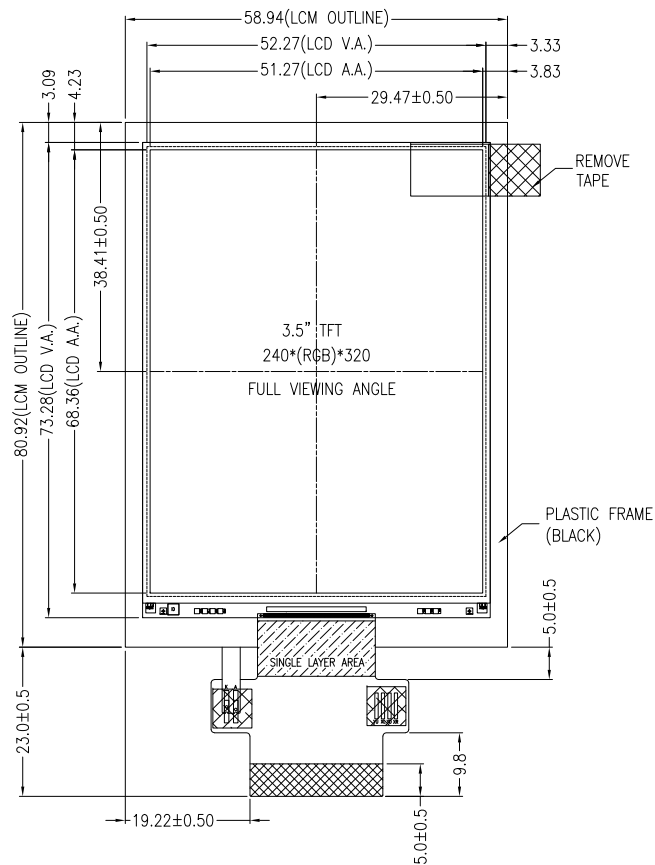
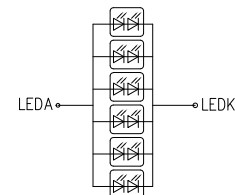
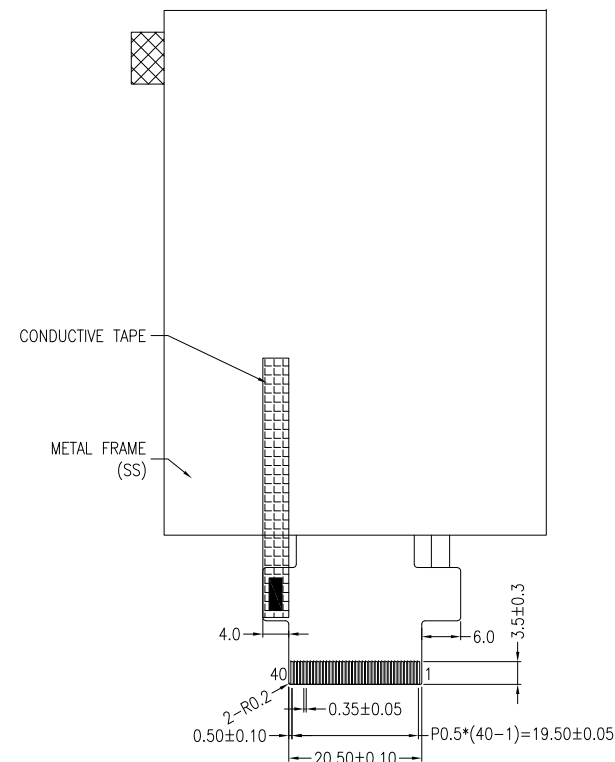


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



PIXEL DETAIL
(SCALE 40:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL
1	GND
2	NC(YD)
3	NC(XL)
4	NC(YU)
5	NC(XR)
6	LCD_ID
7	VCC
8	IOVCC
9	FMARK
10	CS
11	RS
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	RESET
31	IMO
32	NC
33	GND
34	LEDK
35	LEDK
36	LEDK
37	LEDK
38	LEDK
39	GND
40	NC

INTERFACE MODE
SELECT

IM1	0
IM2	0
IM3	0

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCC=2.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7789T3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. BACKLIGHT TYPE: WHITE LED, IF=120MA, VF=5.6V~6.8V
8. SURFACE LUMINANCE: 1000CD/M² (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. RECOMMEND MATCHING CONNECTOR: HRS 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



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA		MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI0350BQT-4
APPROVED BY:		UNIT: mm	DESCRIPTION:
VERSION NO:	01	SHEET NO.: 1/1	TFT MODULE

01	FIRST ISSUE	RITA	2025.04.03
VER.	REVISED DESCRIPTION	REVISER	DATE