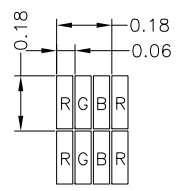
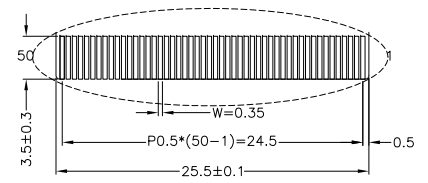


FPC BENDING REFERENCE DIAGRAM

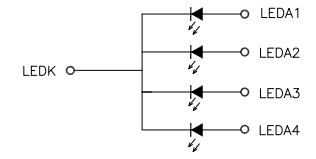
PIN ASSIGNMENT	
PIN	SYMBOL
1	LEDK
2	LEDA1
3	LEDA2
4	LEDA3
5	LEDA4
6	IMO
7	IM1
8	IM2
9	IM3
10	RESET
11	VSYNC
12	HSYNC
13	DOTCLK
14	DE
15	DB17
16	DB16
17	DB15
18	DB14
19	DB13
20	DB12
21	DB11
22	DB10
23	DB9
24	DB8
25	DB7
26	DB6
27	DB5
28	DB4
29	DB3
30	DB2
31	DB1
32	DB0
33	SDO
34	SDI
35	RD
36	WRX/(D/CX)
37	D/CX(SCL)
38	CSX
39	TE
40	VDDI
41	VDDI
42	VCI
43	GND
44	NC/TP_SCL/ X+
45	NC/TP_SDA/ Y+
46	NC/TP_INT/ X-
47	NC/TP_RESET/Y-
48	GND
49	GND
50	GND



DETAIL A (SCALE 50:1)



DETAIL B (SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDDI=1.8V / 2.8V (TYP.), VCI=2.8V (TYP.)
3. VIEWING DIRECTION: 6: 00 O'CLOCK
4. DRIVER IC: ST7789V2
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: 4-CHIP WHITE LED, IF=80mA, VF=2.8V~3.4V
8. SURFACE LUMINANCE: 650CD/M<sup>2</sup> (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: GLARE
10. RECOMMEND MATCHING CONNECTOR: HRS FH28-50S-0.5SH OR EQUIVALENT
11. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
12. GENERAL TOLERANCE: ±0.2MM
13. ROHS COMPLIANT

		MULTI-INNO TECHNOLOGY CO.,LTD.	
DRAWN BY:	RITA	2022.06.14	MODULE P/N:
CHECKED BY:			MI0283Q3T-17
APPROVED BY:			SCALE : 1/1
VER.	01	FIRST ISSUE	UNIT: mm
REVISOR	RITA	2022.06.14	SHEET NO.: 1/1
DATE			DESCRIPTION:
VERSION NO:	03		TFT MODULE

01	FIRST ISSUE	RITA	2022.06.14
VER.	REVISOR	DATE	