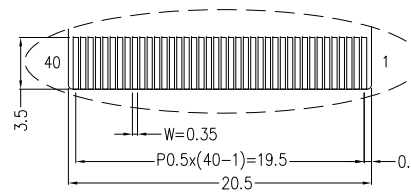
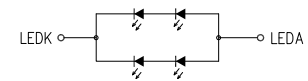


DETAIL A  
(SCALE 20:1)



DETAIL B  
(SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDD=2.8V (TYP.)
3. VIEWING DIRECTION: 6 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=40mA, VF=5.8V~6.6V
8. SURFACE LUMINANCE: 300CD/M<sup>2</sup> (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: GLARE
10. THE SINGLE LAYER AREA OF FPC IS BENDABLE AND THE BENDING RADIUS MUST BE NOT LESS THAN 1.5MM
11. GENERAL TOLERANCE: ±0.2MM
12. ROHS COMPLIANT

TFT PIN DESCRIPTION	
PIN	SYMBOL
1	LEDK
2	LEDA
3	IMO
4	IM1
5	IM2
6	RESET
7	HSYNC
8	VSYNC
9	DCLK
10	DE
11	DB17
12	DB16
13	DB15
14	DB14
15	DB13
16	DB12
17	DB11
18	DB10
19	DB9
20	DB8
21	DB7
22	DB6
23	DB5
24	DB4
25	DB3
26	DB2
27	DB1
28	DB0
29	SDO
30	SDI
31	RD
32	WRX
33	D/CX
34	CSX
35	NC
36	NC
37	NC
38	NC
39	VDD
40	GND

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DRAWN BY:	CAROL	2021.09.15		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0283Q3T-22
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT MODULE

01	FIRST ISSUE	CAROL	2021.09.15
VER.	REVISED DESCRIPTION	REVISER	DATE