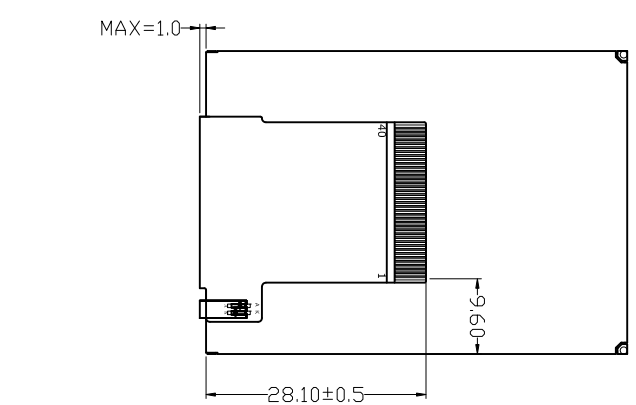
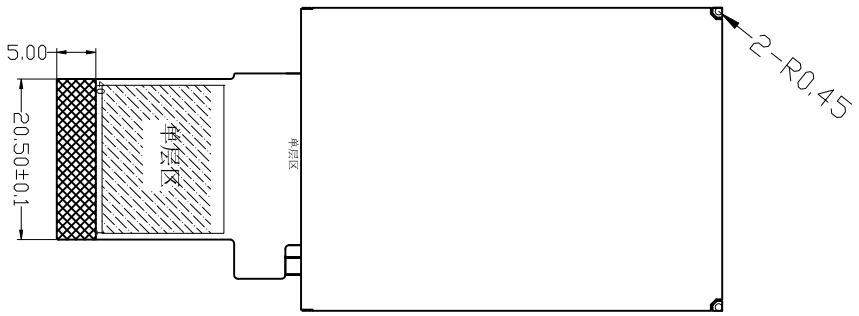
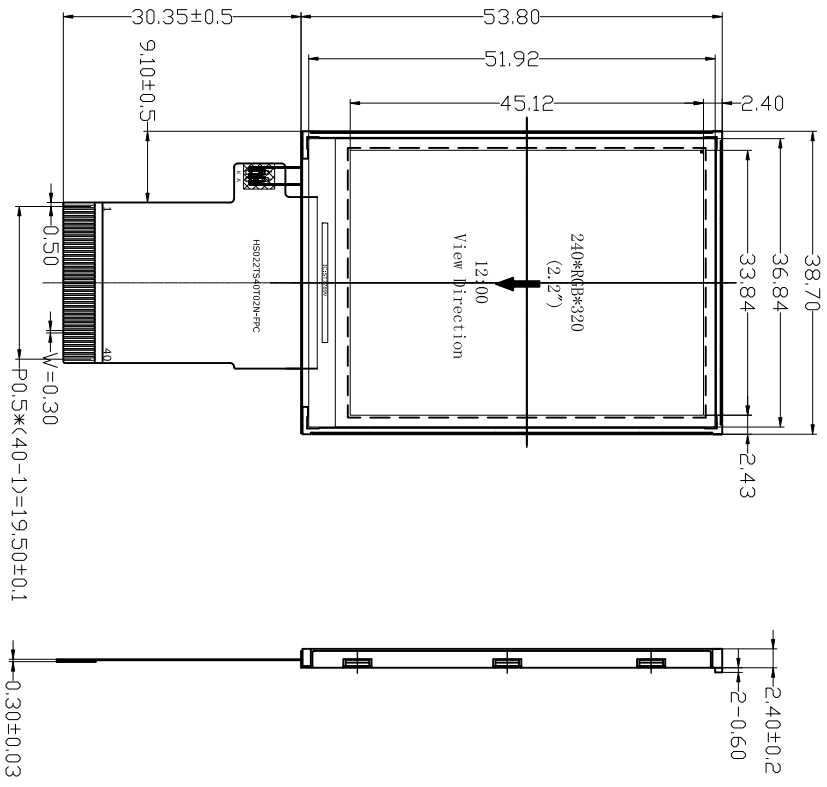


Rev:	Revision content description	Date
V0	First issue	2021-04-07

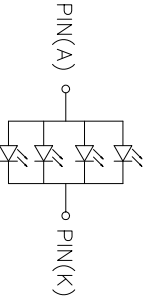


NO.	SYMBOL
1	LED A
2	LED K
3	GND
4	IM0
5	IM1
6	IM2
7	LOWCC
8	VCC
9	WR_SCL
10	CS
11	RD
12	RS D/C
13	RESET
14	FLANK
15	SDA
16	SDO
17	DB000
18	DB01
19	DB02
20	DB03
21	DB04
22	DB05
23	DB06
24	DB07
25	DB08
26	DB09
27	DB10
28	DB11
29	DB12
30	DB13
31	DB14
32	DB15
33	DB16
34	DB17
35	GND
36	EN
37	DOTCLK
38	HSYNC
39	VSYNC
40	GND

IM2	IM1	IM0	PIN USE
0	0	0	8 BIT (DB00-DB07)
0	0	1	16 BIT (DB00-DB15)
0	1	0	9 BIT (DB00-DB08)
0	1	1	16BIT (DB00-DB107)
1	0	1	3Line-SPI
1	1	0	4Line-SPI

NOTES:

1. DISPLAY MODE: 2.2" TFT LCD, Transmissive
2. DRIVER IC: ST7789V
3. VIEWING DIRECTION: 6 ° CLOCK
4. BACKLIGHT: 4 CHIP-WHITE LED, IF=60-80mA, VF=3.2V
BRIGHTNESS=300 CD/M2 (TYPE)
5. OPERATING TEMPERATURE: -20. ° C TO 70. ° C
STORAGE TEMPERATURE: -30. ° C TO 80. ° C
6. GENERAL TOLERANCE: ±0.20



LED CIRCUIT DIAGRAM

CUSTOMER APPROVE



深圳市弘盛智能显示科技有限公司
SHENZHEN HONSEAN SMART DISPLAY TECHNOLOGY CO.,LTD

LCD MODULE

PRODUCT NO.
HS022TS40T02N

FILE NAME
LCM

REV
V0

TOLERANCE:
DECIMAL

DESIGNED: ZMY

CHECKED:

X.X ± .30
X.XX ± .20
ANG ± 1/4°

VERIFIED:

APPROVED:



NOT IN SCALE

SHEET: 1/1

3

4

5

6