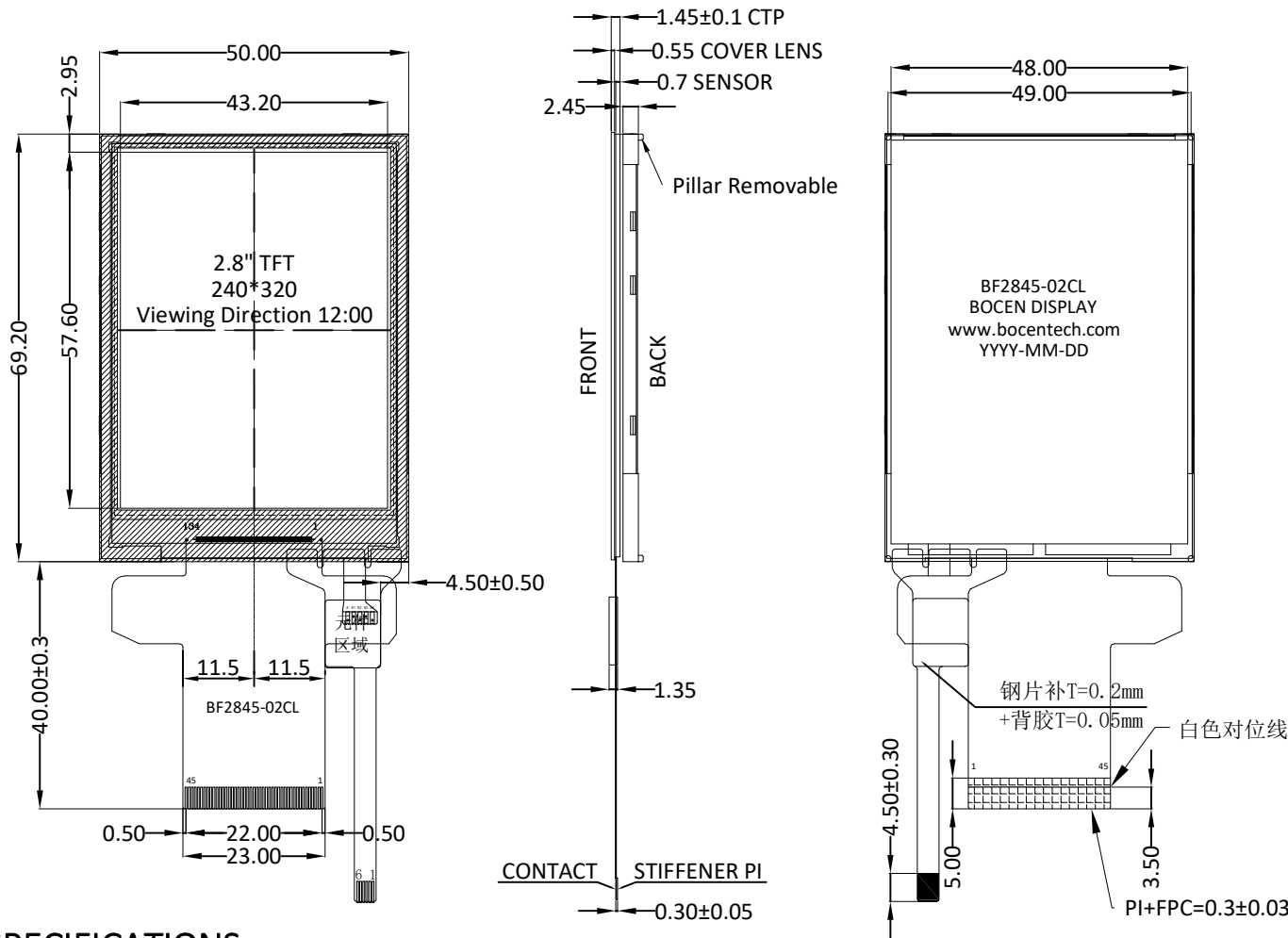
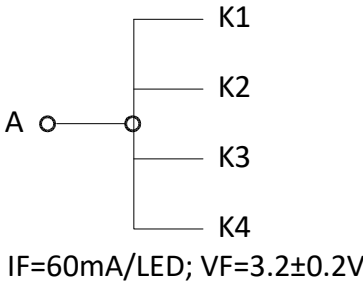


Version	1.0	2019-11-14	New Issue						



NOTE:				
If use RGB mode must select serial interface.				
interface type	db pin in use	IM0	IM1	IM2
80-8BIT	DB7~DB0	0	0	0
80-16BIT	DB15~DB0	1	0	0
80-9BIT	DB8~DB0	0	1	0
80-18bit	DB17~DB0	1	1	0
3-Wire 9bit spi	sda,scl,cs	1	0	1
4-Wire 8bit spi	sda,scl,cs,rs	0	1	1

Backlight Circuit Diagram



Capacitive Touch Panel

PIN	1	2	3	4	5	6
SYMBOL	RESET	INT	VDD	SCL	SDA	GND

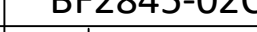
TFT

PIN	SYMBOL
1	GND
2	IOVCC
3	VCI
4	IM2
5	IM1
6	IM0
7	RESET
8	CS
9	DC/SPI_SCL
10	WR/SPI_RS
11	RD
12	VSYN
13	HSYN
14	ENABLE
15	DOTCLK
16	SDA
17~34	D0~D17
35	SDO
36	LED-A
37	LED-K1
38	LED-K2
39	LED-K3
40	LED-K4
41	XR
42	YU
43	XL
44	YD
45	GND

SPECIFICATIONS:

- DISPLAY TYPE: 2.8" TFT / QVGA
- DRIVE IC: TFT ST7789V, CTP FT5346
- OPERATING TEMPERATURE: -20 ~ 70°C
- STORAGE TEMPERATURE: -30 ~ 80°C
- VIEWING ANGLE: 12 O'CLOCK
- BACKLIGHT: 4-LED PARALLEL
- LCM BRIGHTNESS: 200 CD/M² (TYP.)
- GENERAL TOLERANCE: ±0.2 MM
- CUSTOMER PART NO.: BOCEN STANDARD PRODUCT

BOCEN DISPLAY TECHNOLOGY CO., LTD.

DESIGNED BY: David	BF2845-02CL	VERSION: 1.0
CHECKED BY: Shawn		NO.: 1 OF 1
APPROVED BY: Rio		UNIT: mm
Website: http://www.bocentech.com		DATE: 2019-11-14