

1.General Specifications

Item	Main Display	Unit
Size	0.96 inch	
Number of Pixels	80 * RGB * 160	Pixel
LCM Outline Dimension	14.04 (W) * 27.95 (H) * 1.85(T)	mm
Active Area	10.8 * 21.696	mm
Pixel Pitch	0.135 *0.1356	mm
Display Mode	Normally Black	
Display Color	262K	
Viewing Direction	Free View	
Color Configuration	RGB	
LCD Contrast Ratio	Typ:800; Min:700;	
FPC Version	Z10004-P13 V1	
Interface	4-SPI Interface	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	1 LED	
Luminance	-	
Weight	-	
Zhunyi Technology can promise the consistency of the same batch of products. Therefore, there is no commitment to consistency between different batches.		
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2. LCM-Pin Assignments

PIN NO.	PIN DEF.	FUNCTION DESC.
1	TP0	NC
2	TP1	NC
3	SDA	SPI interface input/output pin. -The data is latched on the rising edge of the SCL signal.
4	SCL	-This pin is used to be serial interface clock. -If not used, please fix this pin at VDDI or DGND.
5	RS	-In 4-line SPI, this pin is used as D/CX (data/ command selection).
6	RES	-This signal will reset the device and it must be applied to properly initialize the chip.
7	CS	chip select signal input(low active)
8	GND	Ground
9	NC	NC
10	VCC(3.3V)	Power supply(2.8V)
11	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
12	LED-A	POWER SUPPLY+ FOR BACKLIGHT ANODE
13	GND	Ground

RESET voltage should be consistent with VDDI voltage, or it maybe black screen fault when power on.

3. Mechanical Drawing 模组图

