

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深 圳 市 彩 晶 科 技 有 限 公 司

The specification for the following models :

CM12864-16SLDAA-5

PROPOSED BY		APPROVED
Design	Approved	

TEL:+86-755-29995238

FAX:+86-755-29459900

Http://www.cj86.com

E-mail:szcj86@gmail.com

Http://www.szcm-lcd.com

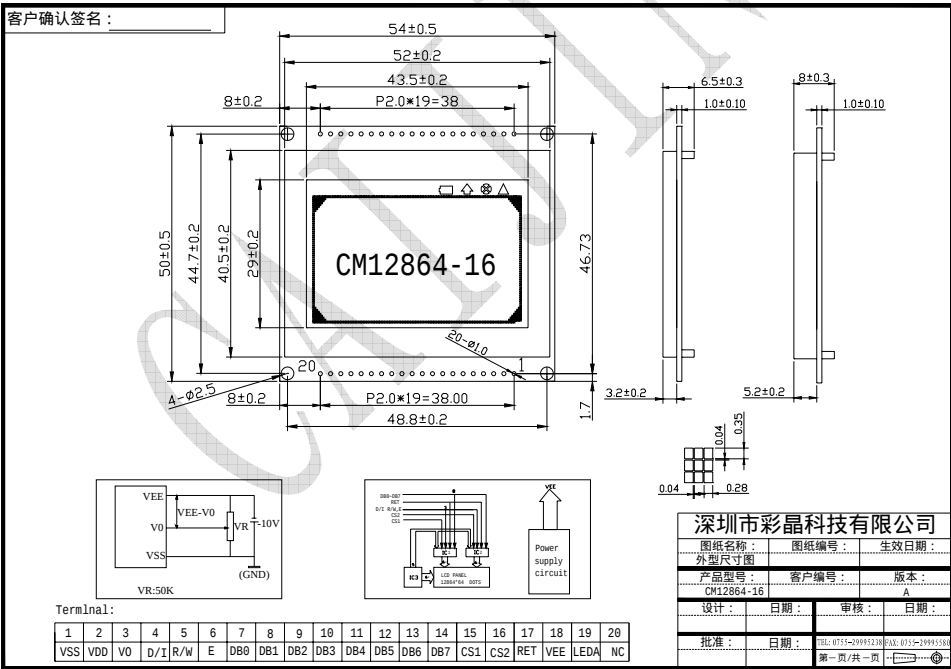
E-mail:szcj86@hotmail.com

地址：深圳市南山区西丽留仙洞工业区顺和达厂区 B 栋

1. Mechanical Specification

ITEM	STANDARD VALUE			UNIT
Dot Matrix	128 X 64 DOTS			--
MODULE DIMENSION	54.0 (W) X 50.0 (H) X 6.5 / 8.0 (T)			mm
VIEWING DISPLAY AREA	43.5 (W) X 29.0 (H)			mm
ACTIVE DISPLAY AREA	40.92 (W) X 24.92 (H)			mm
DOT SIZE	0.28 (W) X 0.35 (H)			mm
DOT PITCH	0.04 (W) X 0.04 (H)			mm
DRIVE METHOD	1/64 Duty , 1/9 BIAS			
VIEWING DIRECTION	6 O'clock			
LED Backlight Color	Yellow Green			
Backlight Input	DC +5.0V	V		mA
LED backlight current	26			mA
Backlight Half-Lift Time	15,000			HR.
INPUT VOLTAGE	DC +5.0V	V		mA
LCD DRIVER	KS0108			
Weight	23g			

2. Mechanical Diagram



3.Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	VSS	0	Power Ground
2	VDD	5.0V	Power Supply
3	V0	-3V -5V	Voltage for LCD
4	D/I	H/L	D/I= " H ", DB7 DB0 is display DATA D/I= " L ", DB7 DB0 is command
5	R/W	H/L	R/W= " H ", E= " H " data is read to DB7 DB0 R/W= " L ", E= " H → L " data is written to IC
6	E	H/L	R/W= " L ", DB7 DB0 is locked at its falling edge.R/W= " H ", E= " H " DDRAM data is read to DB7 DB0
7	DB0	H/L	DATA BUS
8	DB1	H/L	DATA BUS
9	DB2	H/L	DATA BUS
10	DB3	H/L	DATA BUS
11	DB4	H/L	DATA BUS
12	DB5	H/L	DATA BUS
13	DB6	H/L	DATA BUS
14	DB7	H/L	DATA BUS
15	CS1	H/L	H:Chip Selection for IC1
16	CS2	H/L	H:Chip Selection for IC2
17	RST	H/L	Chip Reset signal
18	VEE	-5V	Negative Voltage for LCD driver
19	LEDA/EN	--	LED(+5V) OR EL POWER+5V
20	NC		

4. Absolute Maximum Ratings

ITEM	SYMBOL	MIN.	TYPE	MAX.	UNIT
OPERATING TEMPERATURE	TOP	0/-20	--	+50/+70	
STORAGE TEMPERATURE	TST	-10/-30	--	+60/+80	
INPUT VOLTAGE	VI	4.75	5.0	5.25	V
SUPPLY VOLTAGE FOR LOGIC	VDD-VSS	--	5.0	5.5	V
SUPPLY VOLTAGE FOR LCD	VDD-VO	--	--	8.8	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				