

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深 圳 市 彩 晶 科 技 有 限 公 司

The specification for the following models :

CM12864-10BLWAA-5**CM12864-10FLWAA-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

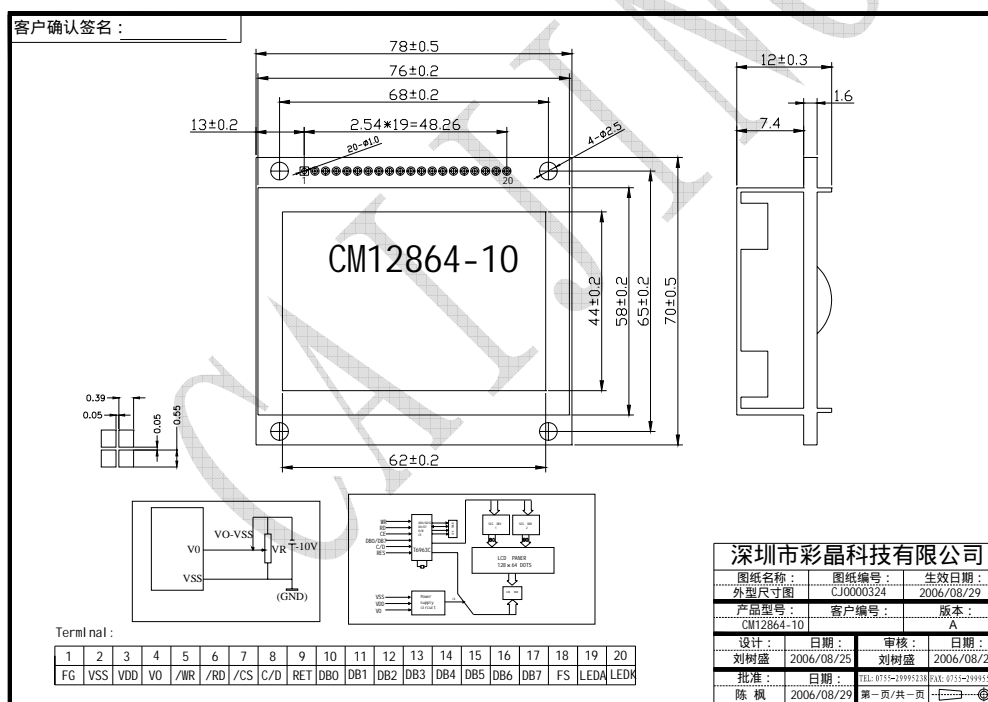
E-mail:szcj86@hotmail.com

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	78.0 (W) X 70.0 (H) X 12.0 (T)		mm
VIEWING DISPLAY AREA	62.0 (W) X 44.0 (H)		mm
ACTIVE DISPLAY AREA	56.28 (W) X 38.36 (H)		mm
DOT SIZE	0.39 (W) X 0.55 (H)		mm
DOT PITCH	0.05 (W) X 0.05 (H)		mm
DRIVE METHOD	1/64 Duty , 1/9 BIAS		
VIEWING DIRECTION	6 O'clock		
LED Backlight Color	White		
Backlight Input	DC +5.0V	V	mA
LED backlight current	35		mA
Backlight Half-Lift Time	35,000		HR.
INPUT VOLAGE	DC +5.0V	V	mA
LCD DRIVER	T6963C		
Weight	79g		

2. Mechanical Diagram



3. Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	FG	0V	Frame ground
2	VSS	0V	Ground
3	VDD	5.0V	Supply voltage for logic
4	V0	-3V -5V	Operating voltage for LCD drive
5	/WR	L	Write signal
6	/RD	L	Read signal
7	/CE	L	Chip enable signal
8	C/D	H/L	H: Instruction code L: Data
9	/RESET	L	Reset signal
10	DB0	H/L	Data bit 0
11	DB1	H/L	Data bit 1
12	DB2	H/L	Data bit 2
13	DB3	H/L	Data bit 3
14	DB4	H/L	Data bit 4
15	DB5	H/L	Data bit 5
16	DB6	H/L	Data bit 6
17	DB7	H/L	Data bit 7
18	FS	H/L	Font select signal (H:5X8 dots; L:8X8 dots)
19	LEDA	--	LED(+5V)
20	LEDK	--	LED(0V)

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 VOLAGE	VI	4.75	5.0	5.25	V
SUPPLY VOLTAGE FOR LOGIC	VDD-VSS	--	5.0	5.5	V
SUPPLY VOLTAGE FOR LCD	VDD-V0	--	--	10	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				