

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深 圳 市 彩 晶 科 技 有 限 公 司

The specification for the following models :

CM24064-1SLDAA-5

PROPOSED BY		APPROVED
Design	Approved	

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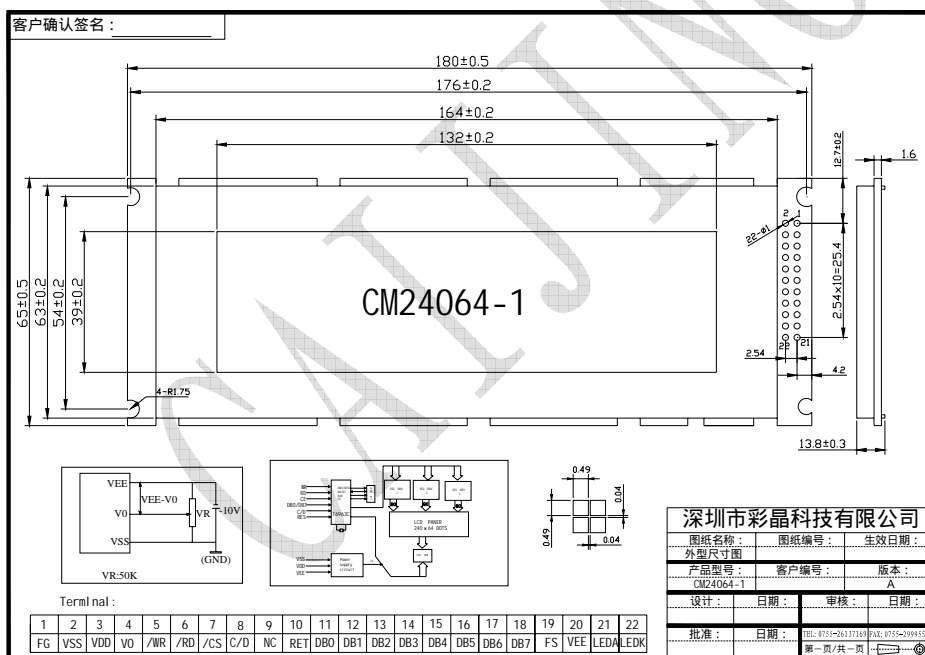
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1. Mechanical Specification

ITEM	STANDARD VALUE		UNIT
Dot Matrix	240 X 64 DOTS		--
MODULE DIMENSION	180.0 (W) X 65.0 (H) X 13.8 (T)		mm
VIEWING DISPLAY AREA	132.0 (W) X 39.0 (H)		mm
ACTIVE DISPLAY AREA	127.16 (W) X 33.88 (H)		mm
DOT SIZE	0.49 (W) X 0.49 (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	50		mA
Backlight Half-Lift Time	35,000		HR.
INPUT VOLAGE	DC +5.0V	V	mA
LCD DRIVER	T6963C		
Weight	179g		

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	NC		
10	/RESET	L	Reset signal
11	DB0	H/L	Data bit 0
12	DB1	H/L	Data bit 1
13	DB2	H/L	Data bit 2
14	DB3	H/L	Data bit 3
15	DB4	H/L	Data bit 4
16	DB5	H/L	Data bit 5
17	DB6	H/L	Data bit 6
18	DB7	H/L	Data bit 7
19	FS	H/L	Font select signal (H:5X8 dots; L:8X8 dots)
20	VEE	-5V	Negative Voltage for LCD driver
21	LEDA	+5V	LED Backlight
22	LEDK	0V	LED Backlight

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	--	--	9.8	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				