

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深圳市彩晶科技有限公司

The specification for the following models :

CM19264-8SLDAA-5

PROPOSED BY		APPROVED
Design	Approved	

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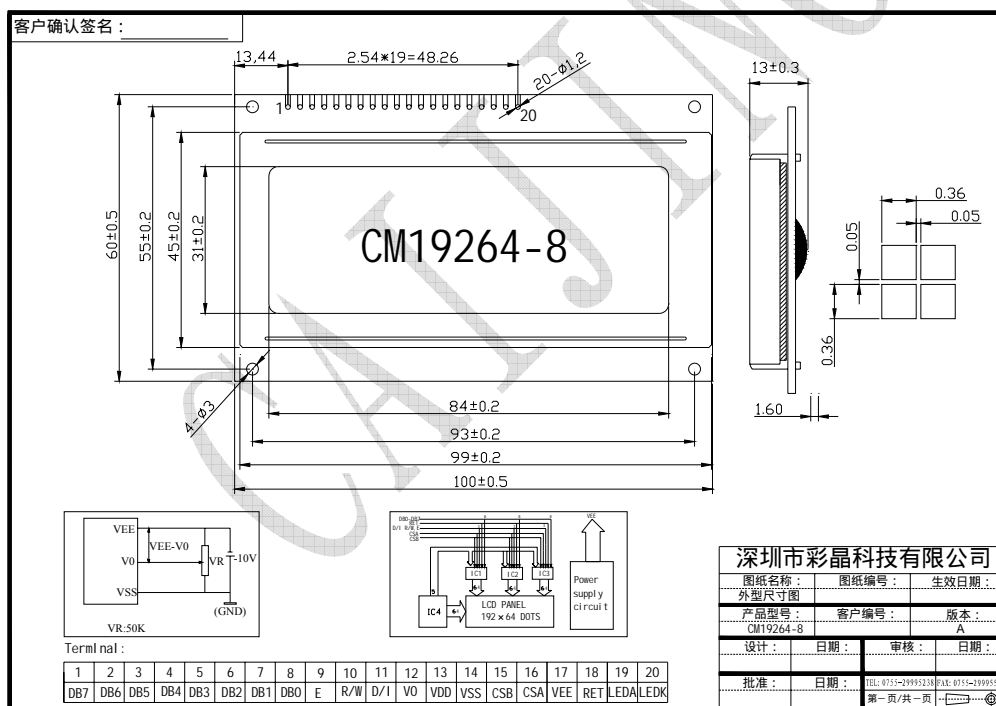
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1. Mechanical Specification

ITEM	STANDARD VALUE		UNIT
Dot Matrix	192 X 64 DOTS		--
MODULE DIMENSION	100.0 (W) X 60.0 (H) X 13 (T)		mm
VIEWING DISPLAY AREA	84.0 (W) X 31.0 (H)		mm
ACTIVE DISPLAY AREA	78.67 (W) X 26.19 (H)		mm
DOT SIZE	0.36 (W) X 0.36 (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	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	KS0108		
Weight	77g		

2. Mechanical Diagram



3. Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	DB7	H/L	DATA BUS
2	DB6	H/L	DATA BUS
3	DB5	H/L	DATA BUS
4	DB4	H/L	DATA BUS
5	DB3	H/L	DATA BUS
6	DB2	H/L	DATA BUS
7	DB1	H/L	DATA BUS
8	DB0	H/L	DATA BUS
9	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
10	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
11	D/I	H/L	D/I="H", DB7 DB0 is display DATA D/I="L", DB7 DB0 is command
12	V0	-3V -5V	Voltage for LCD
13	VDD	5.0V	Power Supply
14	VSS	0	Power Ground
15	CSB		CSA 0 1 0 1
16	CSA		CSB 0 0 1 1
			Selec IC IC1 IC2 IC3 -----
17	VEE	-5V	Negative Voltage for LCD driver
18	RST	H/L	Chip Reset signal
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 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	--	--	9.5	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				