

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深圳市彩晶科技有限公司

The specification for the following models :

CM19264-6SLDAA-5

PROPOSED BY		APPROVED
Design	Approved	

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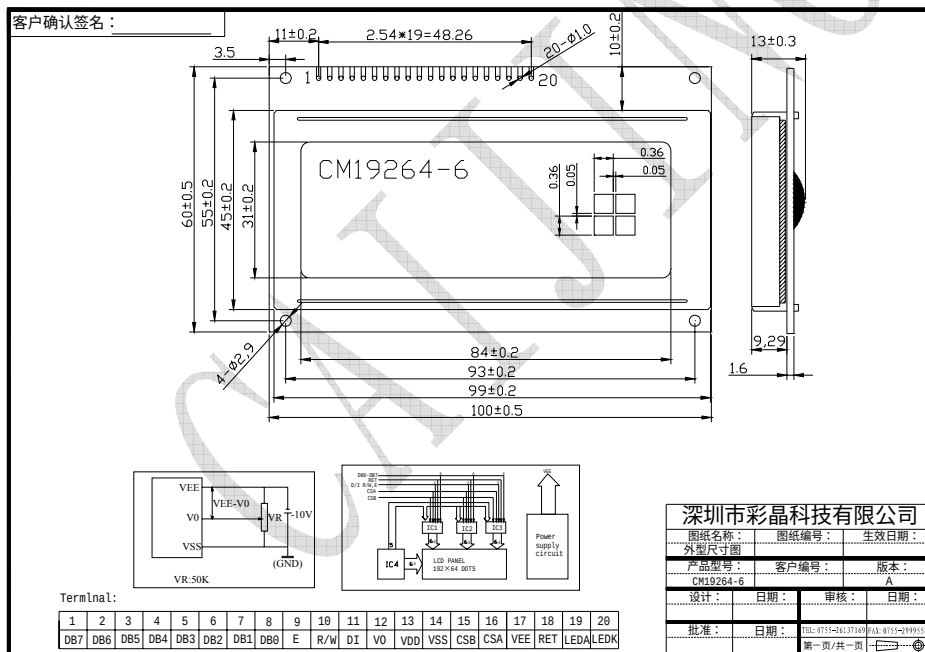
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1. Mechanical Specification

ITEM	STANDARD VALUE			UNIT
Dot Matrix	192 X 64 DOTS			--
MODULE DIMENSION	100.0 (W) X 60.0 (H) X 13.0 (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 VOLTAGE	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
			CSB	0	0	1	1
16	CSA		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	°C
STORAGE TEMPERATURE	TST	-10/-30	--	+60/+80	°C
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.				