

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深 圳 市 彩 晶 科 技 有 限 公 司

The specification for the following models :

CM19264-4SLDAA-5

PROPOSED BY		APPROVED
Design	Approved	

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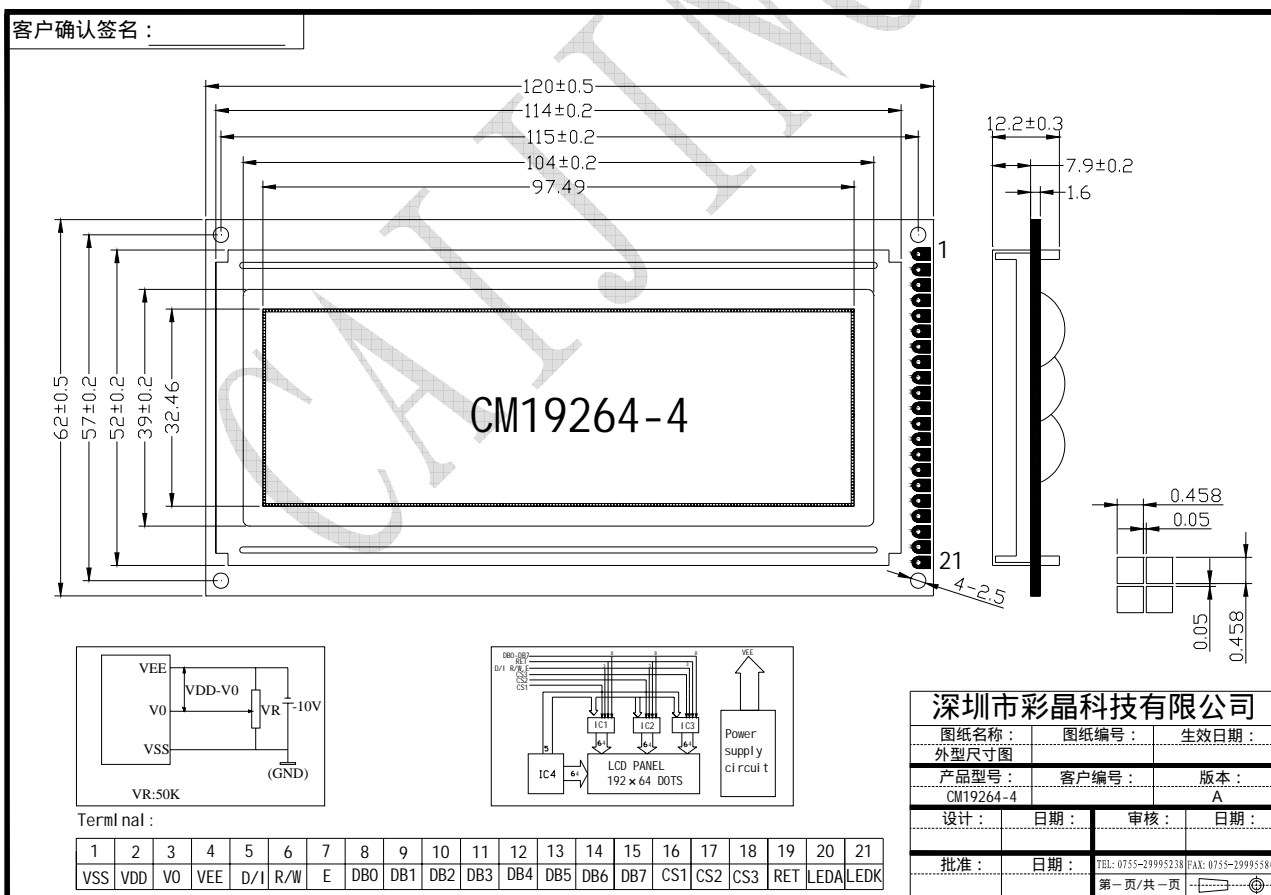
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1. Mechanical Specification

ITEM	STANDARD VALUE		UNIT
Dot Matrix	192 X 64 DOTS		--
MODULE DIMENSION	120.0 (W) X 62.0 (H) X 12.2 (T)		mm
VIEWING DISPLAY AREA	104.0 (W) X 39.0 (H)		mm
ACTIVE DISPLAY AREA	97.49 (W) X 32.46 (H)		mm
DOT SIZE	0.458 (W) X 0.458 (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	61		mA
Backlight Half-Lift Time	35,000		HR.
INPUT VOLAGE	DC +5.0V	V	mA
LCD DRIVER	KS0108		
Weight			

2. Mechanical Diagram



3. Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	VSS	0	Power Ground
2	VDD	5.0V	Power Supply
3	VO	-3V -5V	Voltage for LCD
4	VEE	-5V	Negative Voltage for LCD driver
5	D/I	H/L	D/I= " H ", DB7 DB0 is display DATA D/I= " L ", DB7 DB0 is command
6	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
7	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
8	DB0	H/L	DATA BUS
9	DB1	H/L	DATA BUS
10	DB2	H/L	DATA BUS
11	DB3	H/L	DATA BUS
12	DB4	H/L	DATA BUS
13	DB5	H/L	DATA BUS
14	DB6	H/L	DATA BUS
15	DB7	H/L	DATA BUS
16	CS1	L	Selec IC1
17	CS2	L	Selec IC2
18	CS3	L	Selec IC3
19	RST	L	Chip Reset signal
20	LEDA	--	LED(5V)
21	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-VO	--	--	9.8	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				