

SHENZHEN BRILLIANT CRYSTAL TECHNOLOGIC CO.,LTD.

深 圳 市 彩 晶 科 技 有 限 公 司

The specification for the following models :

CM25632-1SLDAA-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

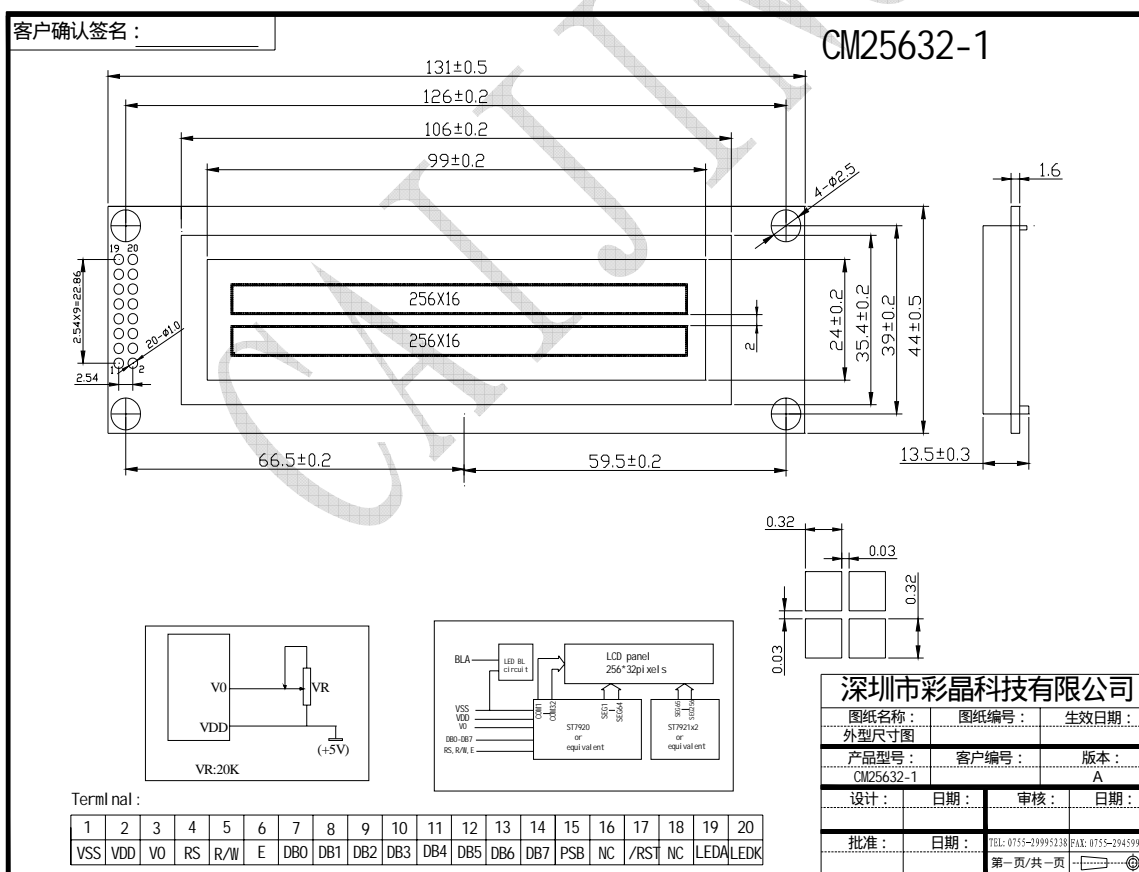
E-mail:szcj86@hotmail.com

地址：深圳市南山区西丽留仙洞工业区顺和达厂区第二栋

1. Mechanical Specification

ITEM	STANDARD VALUE		UNIT
Dot Matrix	256 X 32 DOTS		--
MODULE DIMENSION	131.0 (W) X 44.0 (H) X 13.5 (T)		mm
VIEWING DISPLAY AREA	99.0 (W) X 24.0 (H)		mm
ACTIVE DISPLAY AREA	89.57 (W) X 13.14 (H)		mm
DOT SIZE	0.32 (W) X 0.32 (H)		mm
DOT PITCH	0.03 (W) X 0.03 (H)		mm
DRIVE METHOD	1/32 Duty , 1/6 BIAS		
VIEWING DIRECTION	6 O'clock		
LED Backlight Color	Yellow Green		
Backlight Input	DC +5.0V	V	mA
LED backlight current	20		mA
Backlight Half-Lift Time	35,000		HR.
INPUT VOLAGE	DC +5.0V	V	mA
LCD DRIVER	ST7920		
Weight			

2. Mechanical Diagram



3. Parallel Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	VSS	0	Power Ground
2	VDD	5.0V	Power Supply
3	V0	--	Supply Voltage For LCD
4	RS	0	H: Data L: Instruction Code
5	R/W	0	H: Read L: Write
6	E	0	Enable Signal
7	DB0	I	DATA BUS
8	DB1	I	DATA BUS
9	DB2	I	DATA BUS
10	DB3	I	DATA BUS
11	DB4	I	DATA BUS
12	DB5	I	DATA BUS
13	DB6	I	DATA BUS
14	DB7	I	DATA BUS
15	PSB	0	H: Parallel Mode
16	NC		
17	/RST	0	Reset Signal
18	NC	--	
19	LEDA	--	LED(+5V)
20	LEDK	--	LED(0V)

4. Serial Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	VSS	0	Power Ground
2	VDD	5.0V	Power Supply
3	V0	-	Supply Voltage For LCD
4	CS	0	Chip selects signal
5	SID	0	Serial data input
6	SCLK	0	Serial clock input
7	DB0	-	NC
8	DB1	-	NC
9	DB2	-	NC
10	DB3	-	NC

11	DB4	-	NC
12	DB5	-	NC
13	DB6	-	NC
14	DB7	-	NC
15	PSB	0	L: Serial Mode
16	NC		
17	/RST	0	Reset Signal
18	NC	--	
19	LEDA	--	LED(+5V)
20	LEDK	--	LED(0V)

5. 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	--	--	5.0	V
STATIC ELECTRICITY	Be sure that you are grounded when handing LCM.				