



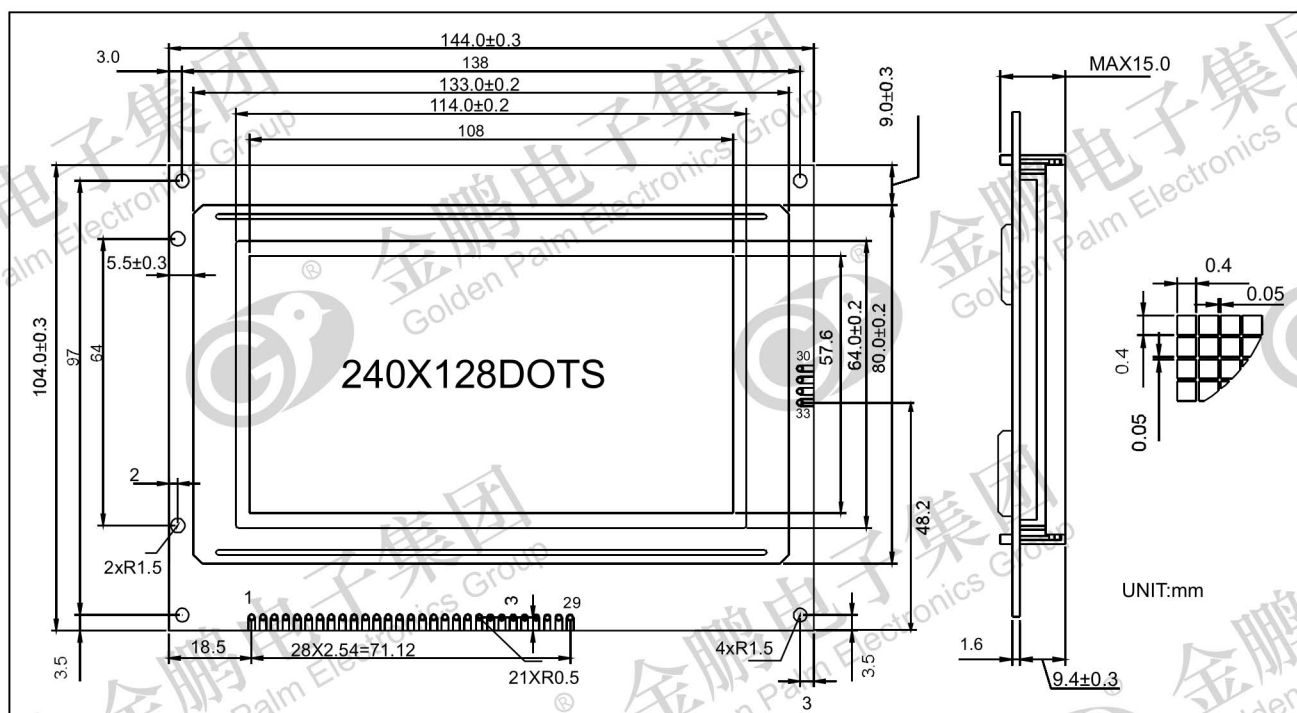
OCM240128-1/-2

240 X 128 dots

P.14

Golden Palm Industry Co., Ltd

Address: 13-15F, Block E, Tian Ning Plaza,
Jianshe 4th Road, Zhaoqing, Guangdong
Province, China Postcode: 526040
Tel: 86-758-2317053 Fax: 86-758-2317722
E-mail: support@gpplcm.cn syl@gpplcm.cn
http://www.gpplcm.cn



ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD}	-0.3	7.0	V
Supply Voltage (LCD)	V _O	--	18.0	V
Input Voltage	V _I	-0.3	V _{DD} +0.3	V
Operating Temp.	T _{opr}	-20	70	°C
Storage Temp.	T _{stg}	-30	80	°C

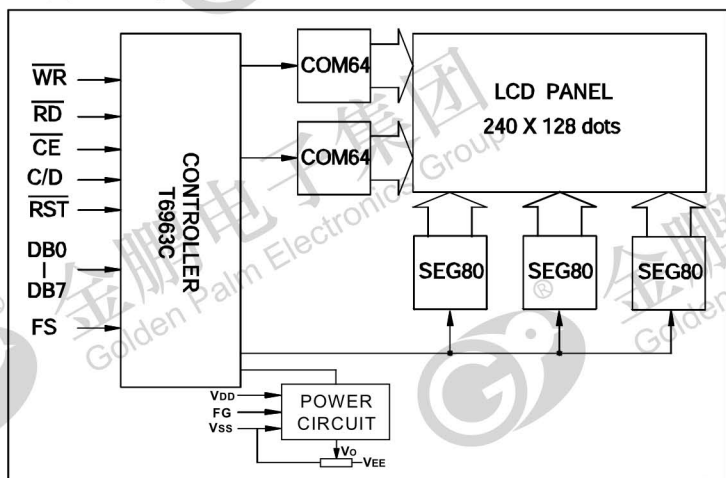
MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W X H X T)	144.0 X 104.0 X 15.0	mm
Viewing Area (W X H)	114.0 X 64.0	mm
Dot Pitch (W X H)	0.45 X 0.45	mm
Dot Size (W X H)	0.40 X 0.40	mm

ELECTRICAL CHARACTERISTICS (V_{DD}=5V±0.25V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	--	V _{DD} -2.2	--	V _{DD}	V
Input Low Voltage	V _{IL}	--	0	--	0.8	V
Output High Voltage	V _{OH}	--	V _{DD} -0.3	--	V _{DD}	V
Output Low Voltage	V _{OL}	--	0	--	0.3	V
Supply Current	I _{DD}	V _{DD} =5.0V f _{osc} =3.0MHz	--	--	6.0	mA

BLOCK DIAGRAM



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	FG	--	Frame ground
2	V _{SS}	--	GND (0V)
3	V _{DD}	--	Supply Voltage for Logic (+5V)
4	V _O	--	Power supply for LCD
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 code
9	Reset	L	Reset signal
10	DB0	H/L	Data Bus Line
11	DB1	H/L	
12	DB2	H/L	
13	DB3	H/L	
14	DB4	H/L	
15	DB5	H/L	
16	DB6	H/L	
17	DB7	H/L	
18	FS	H/L	Font select (H: 6X8 dots L: 8X8 dots)
19	V _{EE}	--	Negative voltage for LCD driving
20	LED+	--	Power supply for LED
21	LED-	--	Power supply for LED
22	DCLK	H/L	触摸屏外部时钟输入
23	/CS	H/L	触摸屏片选信号
24	DIN	H/L	触摸屏串行数据输入
25	STA	H/L	触摸屏应答信号1: 忙0: 空闲
26	DOU	H/L	触摸屏串行数据输出
27	/INT	L	触摸屏中断
28	In3	--	触摸屏附加输入1: ADC输入通道3
29	In4	--	触摸屏附加输入2: ADC输入通道4
30	X+	--	触摸屏X通道正相输入
31	Y+	--	触摸屏Y通道正相输入
32	X-	--	触摸屏X通道负相输入
33	Y-	--	触摸屏Y通道负相输入

LED BACKLIGHT SPECIFICATIONS (T_a=25 °C)

Item	Symbol	Typ.	Max.	Unit
Forward Voltage	V _f	4.05	4.25	V
Forward Current	I _f	720	--	mA
Emission Wave Length	λ _p	568	--	nm

注意: OCM240128-2的19脚为LED+, 20脚为LED-, 21脚为空脚。