

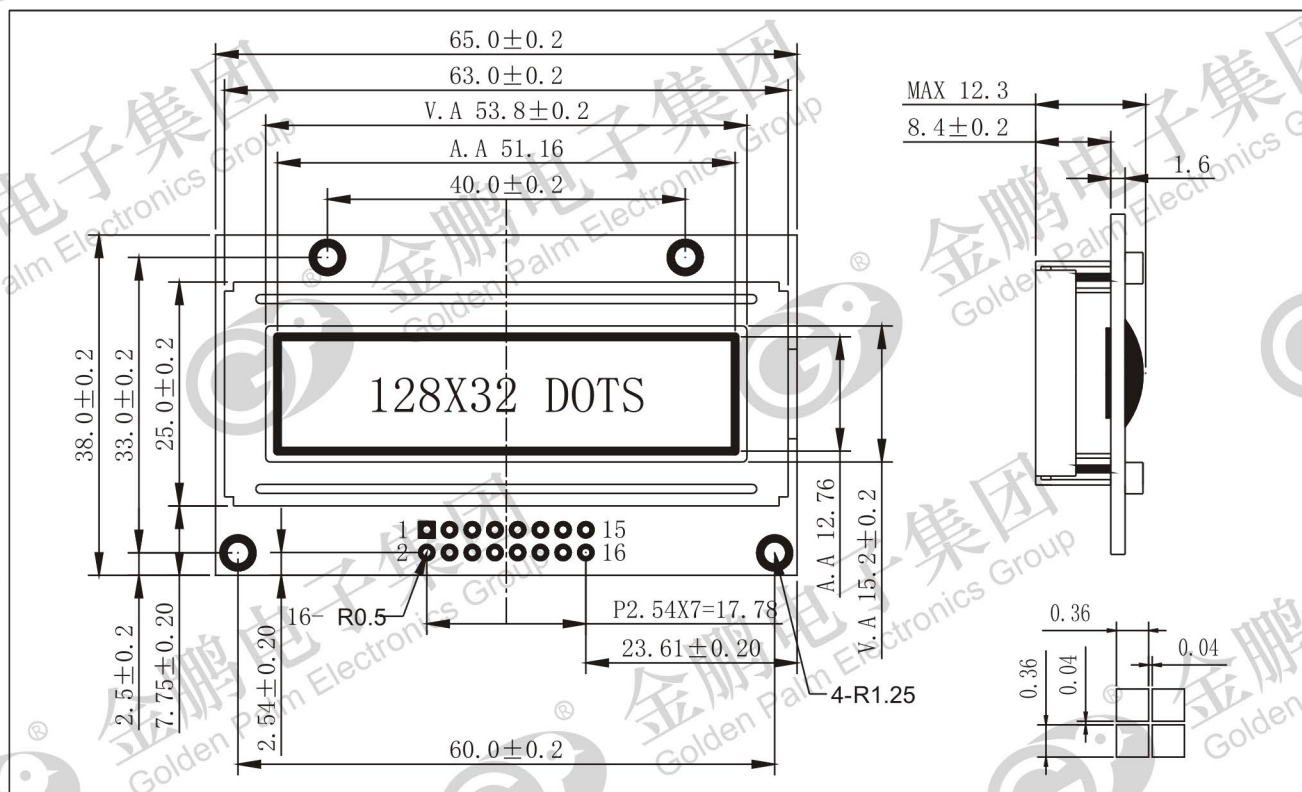


OCMJ2X8C-5 128X32 dots

P.28

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@gptlcm.cn syl@gptlcm.cn
http://www.gptlcm.cn



ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD} -V _{SS}	2.7	5.5	V
Supply Voltage (LCD)	V _O -V _{SS}	3.0	7.0	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)	65X38X12.3	mm
Viewing Area (W X H)	53.8X15.2	mm
Dot Pitch (W X H)	0.40X0.40	mm
Dot Size (W X H)	0.36X0.36	mm

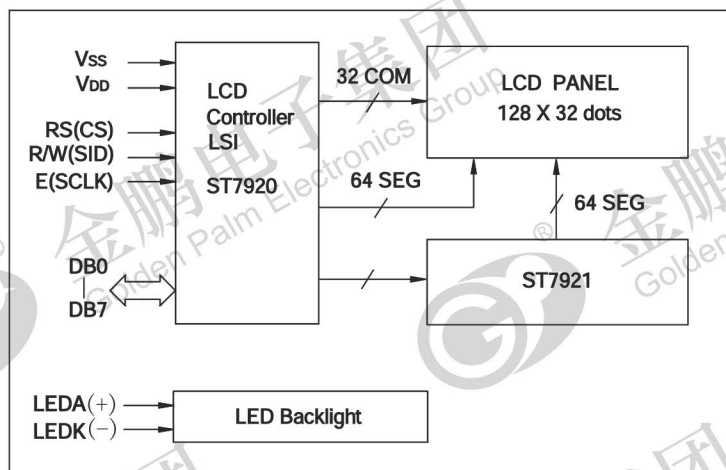
ELECTRICAL CHARACTERISTICS (V_{DD}=5V±0.25V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	--	0.7V _{DD}	--	V _{DD}	V
Input Low Voltage	V _{IL}	--	0	--	0.3V _{DD}	V
Output High Voltage	V _{OH}	I _{OH} = -0.4mA	V _{DD} -0.4	--	--	V
Output Low Voltage	V _{OL}	I _{OL} = +0.4mA	--	--	0.4	V
Supply Current	I _{DD}	V _{DD} = 5.0V	--	3.0	5.0	mA

GND (0V) Supply Voltage for Logic (+5V)

Pin	Symbol	Level	Function
1	V _{SS}	--	GND (0V)
2	V _{DD}	--	Supply Voltage for Logic (+5V)
3	NC	--	
4	RS	H/L	H : Data L : Instruction Code
5	R/W	H/L	H : Read L : Write
6	E	H/H→L	Enable Signal
7	DB0	H/L	Data Bus Line
8	DB1	H/L	
9	DB2	H/L	
10	DB3	H/L	
11	DB4	H/L	
12	DB5	H/L	
13	DB6	H/L	
14	DB7	H/L	
15	LED+	--	LED Backlight Power Supply
16	LED-	--	

BLOCK DIAGRAM



LED BACKLIGHT SPECIFICATIONS (Ta=25 °C)

Item	Symbol	Typ.	Max.	Unit
Forward Voltage	V _f	4.1	4.3	V
Forward Current	I _f	100	200	mA
Emission Wave Length	λ _p	568	--	nm