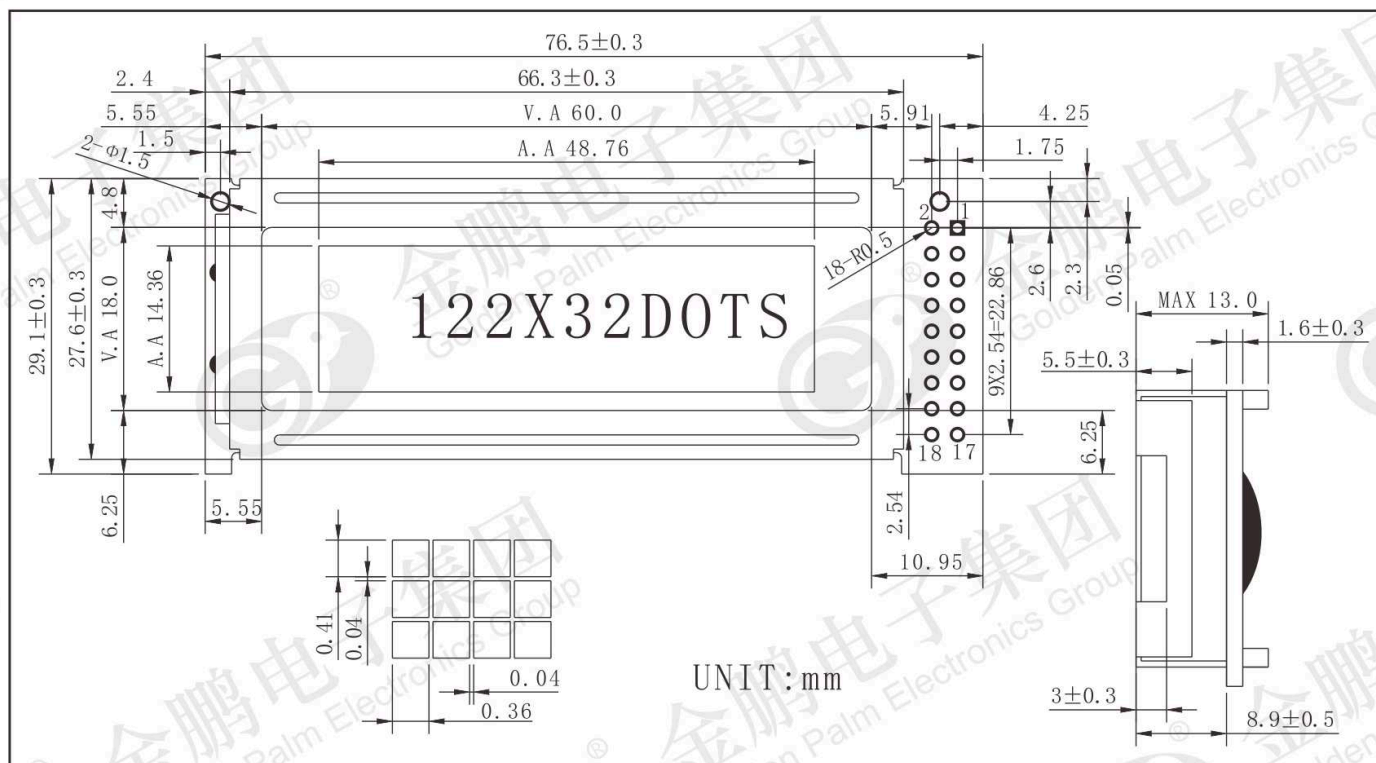




OCM12232-3 122X32 dots

Golden Palm Industry Co.,Ltd

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ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	V _{DD}	2.7	5.5V	V
Supply Voltage(LCD)	V _{DD-VO}	0	V _{DD}	V
Input Voltage	V _I	2.7	5.5V	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)	76.4 X 29.1 X 6.0	mm
Viewing Area(W X H)	60.0X18.0	mm
Dot Pitch(W X H)	0.40X0.45	mm
Dot Size(W X H)	0.36X0.41	mm

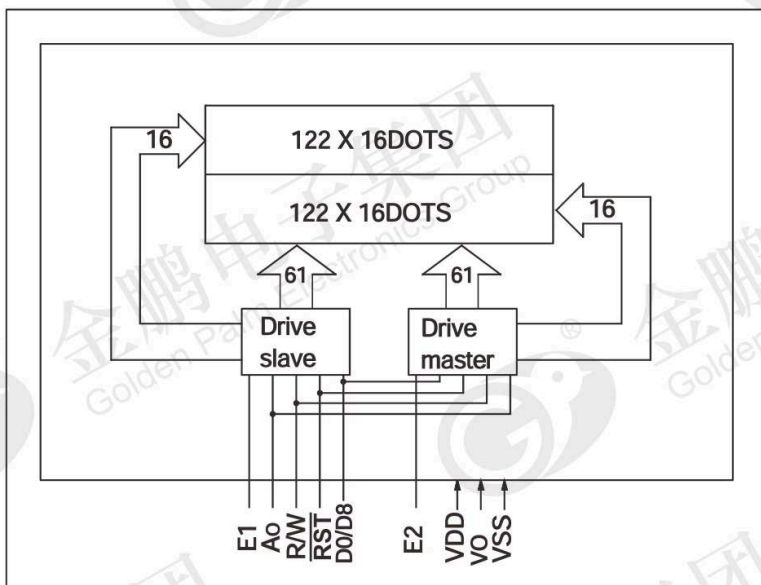
ELECTRICAL CHARACTERISTICS (V_{DD}=5V±0.25V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	--	0.7V _{DD}	--	V _{DD}	V
Input Low Voltage	V _{IL}	--	V _{SS}	--	0.3V _{DD}	V
Output High Voltage	V _{OH}	I _{OH} = -2.0mA	0.7V _{DD}	--	V _{DD}	V
Output Low Voltage	V _{OL}	I _{OL} = +2.0mA	0	--	0.3V _{DD}	V
Supply Current	I _{DD}	V _{DD} = 5.0V	--	--	0.6	mA

PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{DD}	--	Supply Voltage for Logic (+5V)
2	V _{SS}	--	GND (0V)
3	V _O	--	Power supply for LCD
4	RESET	L	L:Reset Signal
5	E1	H/L	Read/Write enable signal(Slave)
6	E2	H/L	Read/Write enable signal(Master)
7	R/W	H/L	Read/Write enable signal
8	A ₀	H/L	Select display data or instrction
9	DB0	H/L	Data Bus Line
10	DB1	H/L	
11	DB2	H/L	
12	DB3	H/L	
13	DB4	H/L	
14	DB5	H/L	
15	DB6	H/L	
16	DB7	H/L	
17	LED+	--	Power supply for LED
18	LED-	--	

BLOCK DIAGRAM



LED BACKLIGHT SPECIFICATIONS (T_a=25 °C)

Item	Symbol	Typ.	Max.	Unit
Forward Current	I _f	30	100	mA
Emission Wave Length	λ _p	568	--	nm