

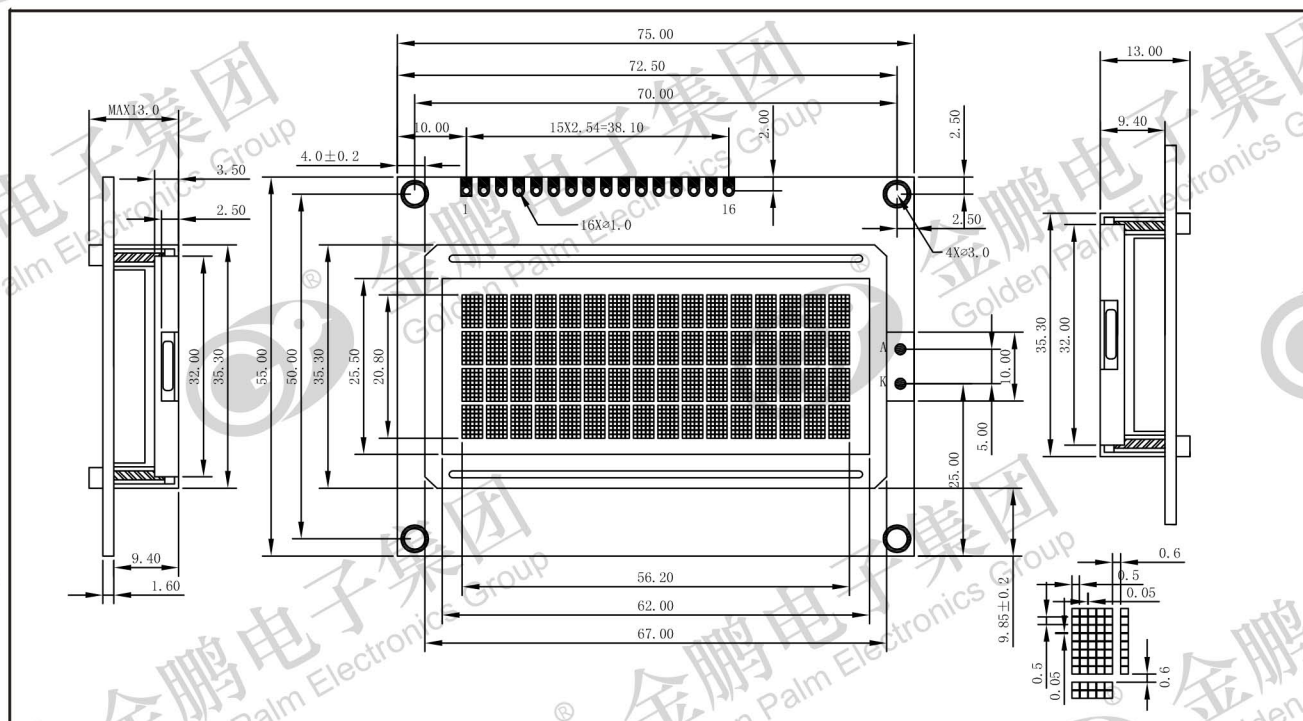


OCMC1604-2 4X16 character

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ABSOLUTE MAXIMUM RATINGS

Item	symbol	Min	Max.	Unit
Supply Voltage(Logic)	V _{IH}	V _{IH}	V _{IH}	V
Supply Voltage(LCD)	V _{IL}	V _{IL}	V _{IL}	V
Input Voltage	V _{OH}	V _{OH}	V _{OH}	V
Operating Temp.	V _{OLC}	V _{OLC}	V _{OLC}	°C
Storage Temp.	I _{SS}	I _{SS}	I _{SS}	°C

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W X H X T)	75.0X55.0X13.0	mm
Viewing Area(W X H)	62.0X25.5	mm
Dot Pitch(W X H)	0.55X0.55	mm
Dot Size(W X H)	0.5X0.5	mm

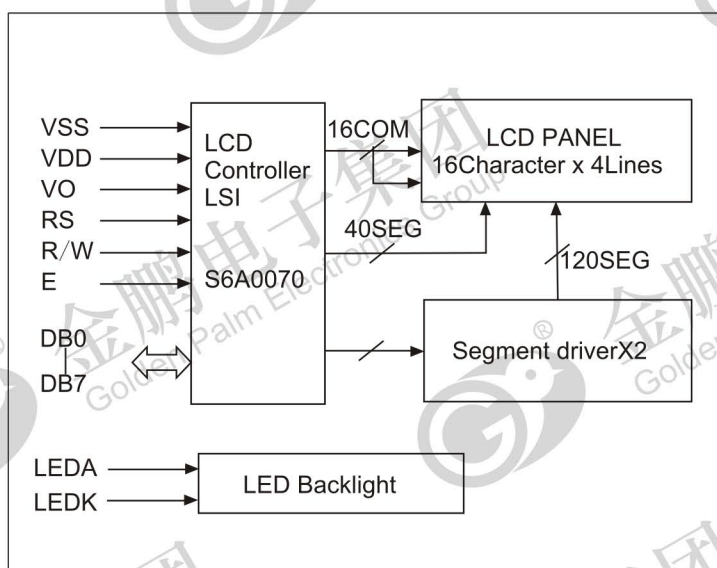
ELECTRICAL CHARACTERISTICS (VDD=1.8Vto3.3V)

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}	--	0.7V _{DD}	--	V _{DD}	V
Output Low Voltage	V _{OLC}	--	V _{DD}	--	0.3V _{DD}	V
Supply Current	I _{SS}	--	--	1	1.5	mA

PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	--	GND(OV)
2	V _{DD}	--	Supply Voltage for Logic (+3.3v)
3	V _O	--	NC
4	RS	H/L	H:Display data L:Display instrction
5	R/W	H/L	H:Read signal L:Write signal
6	E	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	3.1	3.3	V
Forward Current	I _f	45	--	mA
Emission Wave Length	p			