

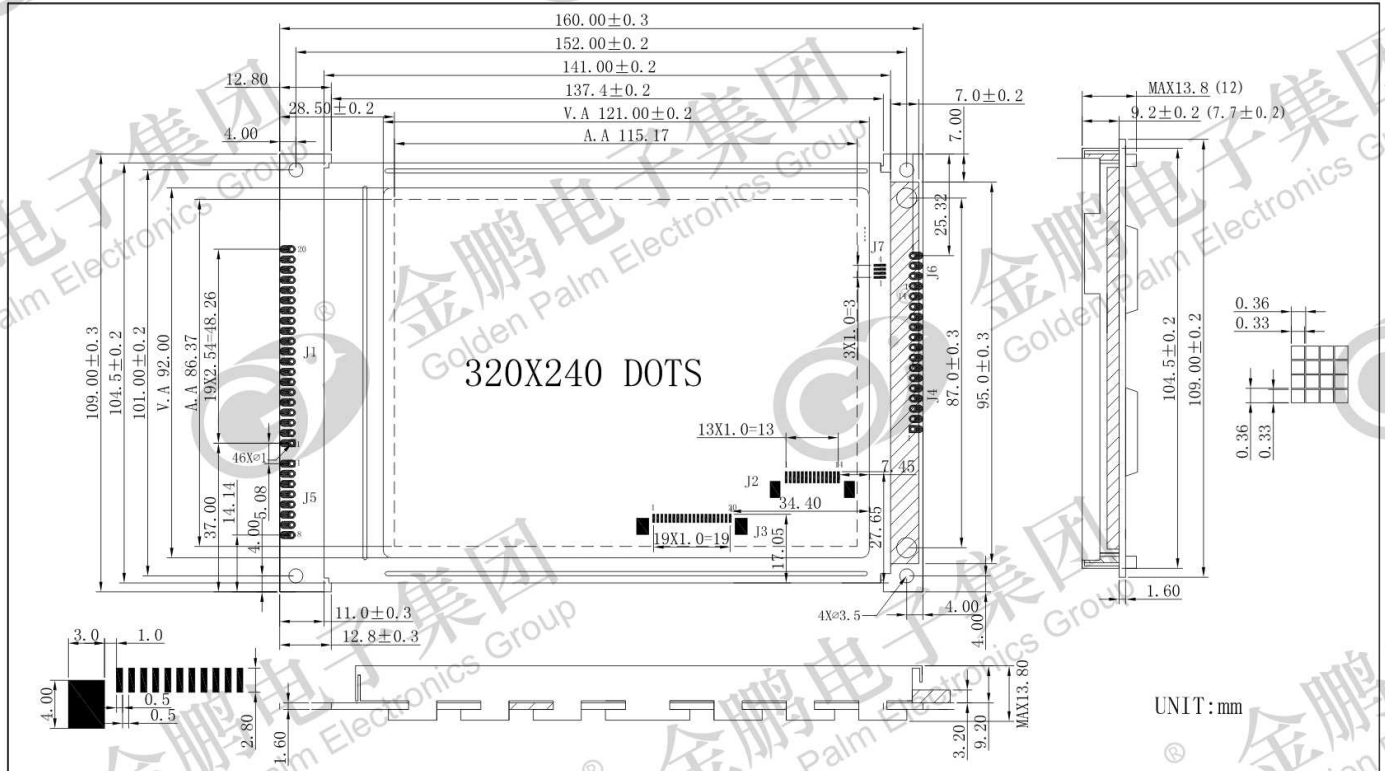


OCM320240-3 320X240 dots

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ABSOLUTE MAXIMUM RATINGS

Item	symbol	Min	Max.	Unit
Supply Voltage(Logic)	VDD	-0.3	3.3	V
Supply Voltage(LCD)	VDD-Vo	-0.3	30	V
Input Voltage	Vi	VSS	VDD	V
Operating Temp.	Topr	-20	70	°C
Storage Temp.	Tstg	-30	80	°C

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W X H X T)	160.0X109.0X13.8/12	mm
Viewing Area(W X H)	121.0X92/93	mm
Dot Pitch(W X H)	0.36 X 0.36	mm
Dot Size(W X H)	0.33X0.33	mm

ELECTRICAL CHARACTERISTICS (VDD=5Vto0.25V)

Item	symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	VIH	--	0.8VDD	--	VDD	V
Input Low Voltage	VIL	--	0	--	0.2VDD	V
Output High Voltage	VOH	IOH=-0.4mA	VDD-0.4	--	VDD	V
Output Low Voltage	VOL	IOL=+0.4mA	0	--	VSS+0.4	V
Supply Current	IDD	VDD=5.0V	--	11.0	15.0	mA

PIN CONNECTIONS

Pin	Symbol	Level	Function
J1			
1	Vss	--	Ground
2	VDD	--	Supply Voltage for Logic (+5V)
3	Vo	--	Operating Voltage for LCD driver
4	/WR	L	Write signal
5	/RD	L	Read Signal
6	/CS	L	Chip selection Signal
7	AO	H/L	H:display data L:Control data
8	/RST	L	Reset signal, Active low
9-16	DB0-DB7	H/L	Data Bus Line
17	NC	--	NO Connection
18	VEE	--	Negative Voltage Output
19	LED+	--	LED Backlight Power supply
20	LED-	--	
J5			
1	DCLK	H/L	External clock input
2	/CS	L	Chip Select Signal
3	DIN	H/L	Serial data output
4	STA	H/L	H:Busy L:Ready for input
5	DOUT	H/L	Serial data output
6	/INT	L	interruption output port
7	INT3	H/L	Additional input1
8	INT4	H/L	Additional input2

LED BACKLIGHT SPECIFICATIONS(Ta=25°C)

Item	symbol	Typ.	Max.	Unit
Forward Voltage	Vf	4.1	4.3	V
Forward Current	If	220	400	mA
Emission Wave Lengrh	p	568	--	nm

BLOCK DIAGRAM

