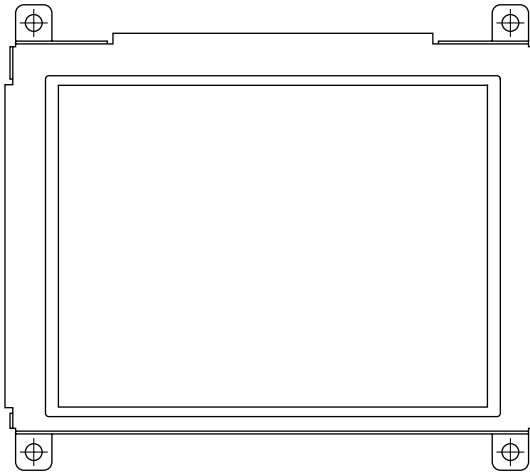


## 320 x 240 Graphic LCD



### FEATURES

- Type: Graphic
- Display format: 320 x 240 dots (FSTN)
- Built-in controller: None
- Duty cycle: 1/240
- Built-in P/V output
- 4-bit data bus
- 3.3 V power supply (also available for + 5 V)
- Compliant to RoHS directive 2002/95/EC


**RoHS**  
COMPLIANT

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module Dimension	94.7 x 71.7	mm
Viewing Area	81.4 x 61.0	
Dot Size	0.225 x 0.225	
Dot Pitch	0.24 x 0.24	
Mounting Hole	85.3 x 83.3	
Character Size	N/a	

ABSOLUTE MAXIMUM RATINGS					
ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
Power Supply	$V_{DD}$ to $V_{SS}$	3.0	3.3	3.5	V
Input Voltage	$V_I$	0.8 $V_{DD}$	-	$V_{DD}$	

ELECTRICAL CHARACTERISTICS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE			UNIT
			MIN.	TYP.	MAX.	
Input Voltage	$V_{DD}$	L level	0.8 $V_{DD}$	-	$V_{DD}$	V
	$V_{IO}$	H level	$V_{SS}$	-	0.2 $V_{DD}$	
Supply Current	$I_{DD}$	$V_{DD} = + 3.5 V$	-	1.3	-	mA
Recommended LC Driving Voltage for Normal Temperature Version Module	$V_0$ to $V_{SS}$	- 20 °C	-	-	-	V
		0 °C	-	-	-	
		25 °C	-	18.7	-	
		50 °C	-	-	-	
		70 °C	-	-	-	

OPTIONS									
PROCESS COLOR						BACKLIGHT			
TN	STN Gray	STN Yellow	STN Blue	FSTN B&W	STN Color	None	LED	EL	CCFL
				x		x	x	x	

For detailed information, please see the "Product Numbering System" document.





## Disclaimer

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