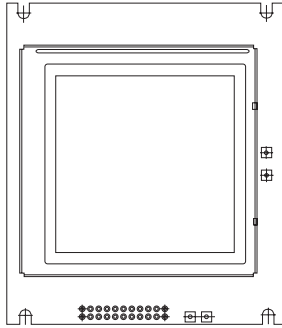


# 128 x 128 Dots Graphic LCD



## FEATURES

- Built-in controller TOSHIBA-(T6963C)
- 1/128 duty cycle
- N.V. optional
- + 5V power supply

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module Dimension	85.0 x 100.0	mm
Viewing Area	62.0 x 62.0	mm
Mounting Hole	75.0 x 94.0	mm
Dot Pitch	0.4 x 0.4	mm

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	- 0.3	-	VDD	V

**NOTE:** VSS = 0 Volt, VDD = 5.0 Volt

ELECTRICAL SPECIFICATIONS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE			UNIT
			MIN.	TYP.	MAX.	
Input Voltage	VDD	L level	$0.7V_{DD}$	-	$V_{DD}$	V
	VIO	H level	-	-	$0.3V_{DD}$	V
Supply Current	IDD	VDD = 5V	-	1.5	-	mA
Recommended LC Driving Voltage for Normal Temp.	VDD-V0	- 20°C	-	18.0	-	V
Version Module		25°C	-	17.0	-	
		60°C	-	16.0	-	
LED Forward Voltage	VF	25°C	-	4.2	4.6	V
LED Forward Current	IF	25°C	-	500	-	mA
EL Power Supply Current	IEL	Vel = 110VAC; 400Hz	-	-	5.0	mA





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