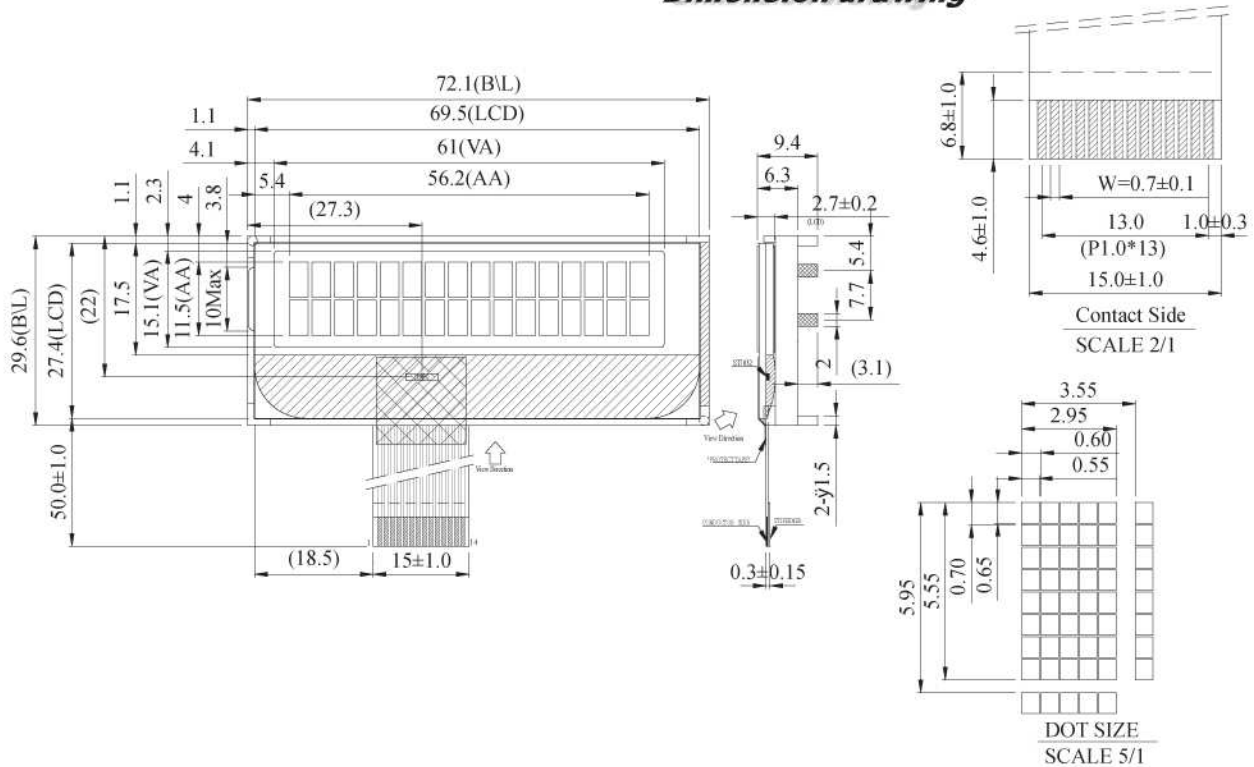


WO1602E Character 16x2 dots

Dimension drawing



Feature

1. Built-in controller (ST7032)
2. 1/16 duty, 1/5 bias
3. +5V power supply

Mechanical Data

Item	Standard Value	Unit
Module Dimension	72.1x29.6x9.4	mm
Viewing Area	61.0x15.1	mm
Mounting hote	65.1x22.6	mm
Dot Size	2.95x5.55	mm

Character type

Pin NO.	Symbol	Function
1	Vss	GND
2	Vo	Contrast Adjustment
3	RS	Data/Instruction
4	R/W	H:read data L=write data
5	E	Enable Signal
6	VDD	Supply voltage for logic
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line

Absolute Maximum Rating

Item	Symbol	Standard Value	Unit
Power Supply	VDD-VSS	-0.3 --- 6.0	V
Input Voltage	VI	---	V

Note: VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value	Unit
Input Voltage	VDD		4.75 5.0 5.25	V
Supply Current	IDD	VDD=5V	0.5 0.7 1.0	mA
Recommended LC Driving		-20°C	---	
		0°C	---	
Voltage for Normal Temp.	VDD-VO	25°C	4.1 4.5 4.8	V
Version module		50°C	---	
		70°C	---	
LED Forward Voltage	VF	25°C	3.4 3.5 3.6	V
LED Forward Current	IF	25°C	---	V