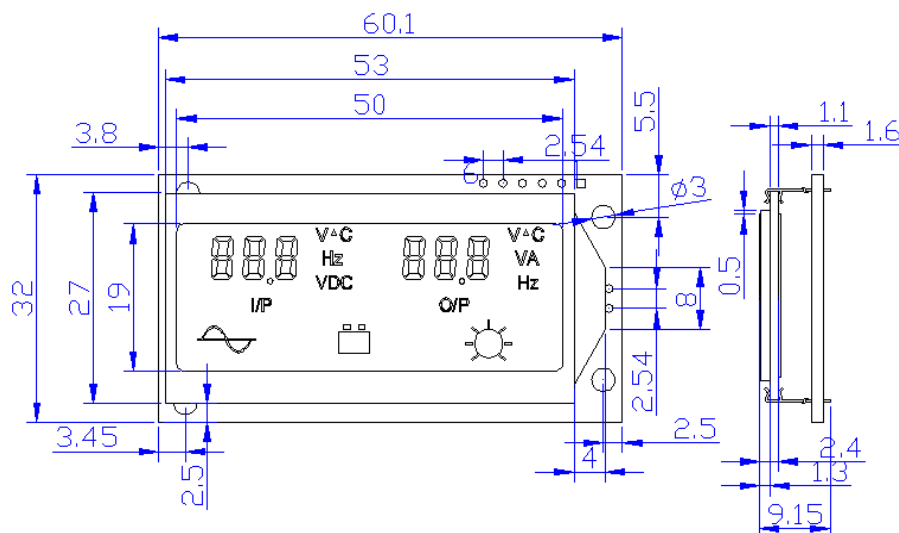


ZCM---6188

* Controller LSI built-in * +5V single power supply

EXTERNAL DIMENSIONS AND DISPLAY PATTERN

Unit:mm



MECHANICAL DATA

Module Size	60.1×32×9.15	Display Area	50 X19
LCD Type	TN, Transmissive/ Positive	Display Angle	12:00
Driving Method	1/4 Duty; 1/3 Bias	Backlight Color	White

ABSOLUTEMAXIMUMRATINGS

ELECTRICAL CHARACTERISTICS (Ta=25℃, VDD=5V±0.25V)

Power supply for logic:0-5V	Input 'High' voltage:2.2~VDD
Power supply for LCD Driver:5V	Input 'Low' voltage:-0.3~0.6
Input voltage :VSS~VDD	Output 'High' voltage:2.2(Min.)
Operating Temperature:0~50℃	Output 'Low' voltage: 38(Max.)
Storage Temperature:-20~70℃	Power supply current: 41mA (Max.)

PIN CONNECTION

Pin	Symbol	Level	Function
1	VDD	+5V	Power supply
2	VDD	+5V	Power supply
3	CS	H/L	Chip select Signal
4	WR	H/L	WR Signal
5	DATA	H/L	Data line
6	VSS	0V	Ground

BLOCK DIAGRAM

