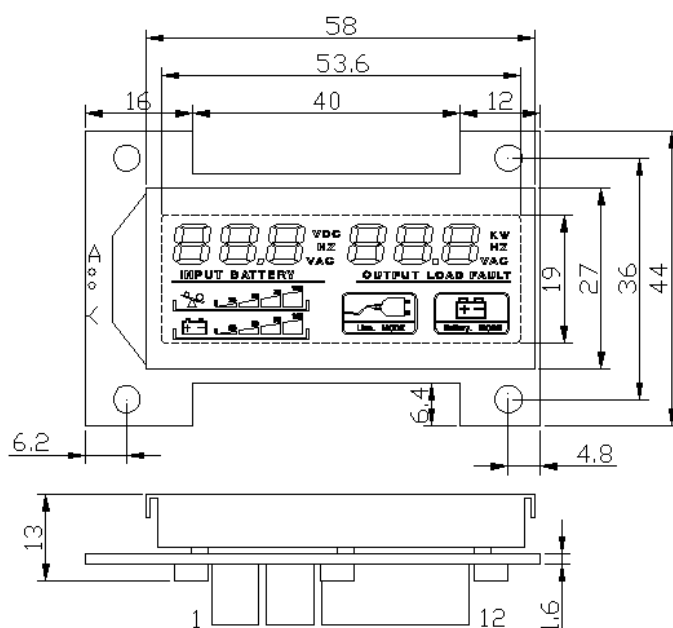


ZCM---6185

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

EXTERNAL DIMENSIONS AND DISPLAY PATTERN

Unit:mm



MECHANICAL DATA

Module Size	68×44×13	Display Area	53.6 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	Pin	Symbol	Level	Function
1	VSS	-	-	7	WR	H/L	WR Signal
2	VDD	+5V	Power supply	8	DATA	H/L	Data line
3	VSS	-	-	9	VSS	-	-
4	VDD	+5V	Power supply	10	LED	0V	-
5	VDD	+5V	Power supply	11	NC	-	-
6	CS	H/L	Chip select Signal	12	NC	-	-

BLOCK DIAGRAM

