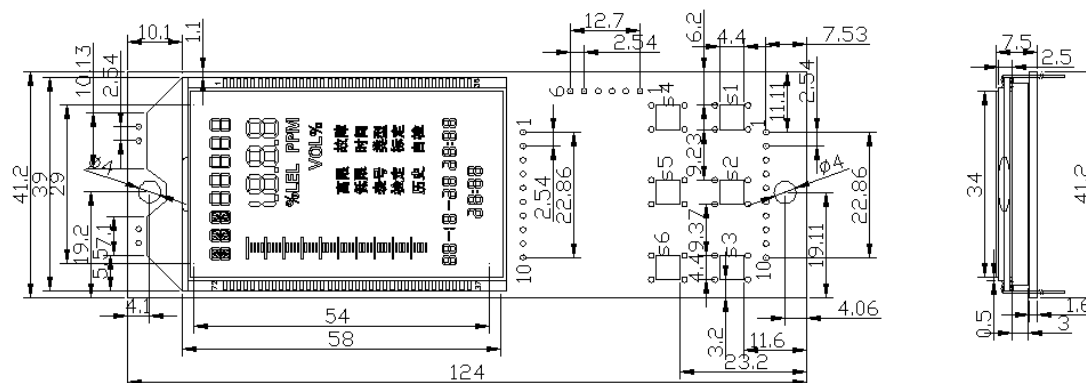


ZCM---6186

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

EXTERNAL DIMENSIONS AND DISPLAY PATTERN

Unit:mm



MECHANICAL DATA

Module Size	41.2×124×7.5	Display Area	29 X54
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°C, 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(CON1)	Symbol	Level	Function	Pin(CON2)	Symbol	Level	Function
1	CS1	H/L	Chip select Signal	1	VSS	0V	Ground
2	CS2	H/L	Chip select Signal	2	VDD	+5V	-
3	WR	H/L	WR Signal	3	BP1	-	-
4	DATA	H/L	Data line	4	BP2	-	-
5	LED2	-	-	5	BP3	-	-
6	LED1	-	-	6	BP4	-	-
7	RED1	-	-	7	BP5	-	-
8	RED2	-	-	8	BP6	-	-
9	VDD	+5V	-	9	LED-	-	-
10	VSS	0V	Ground	10	LED+	-	-

BLOCK	DIAGRAM

