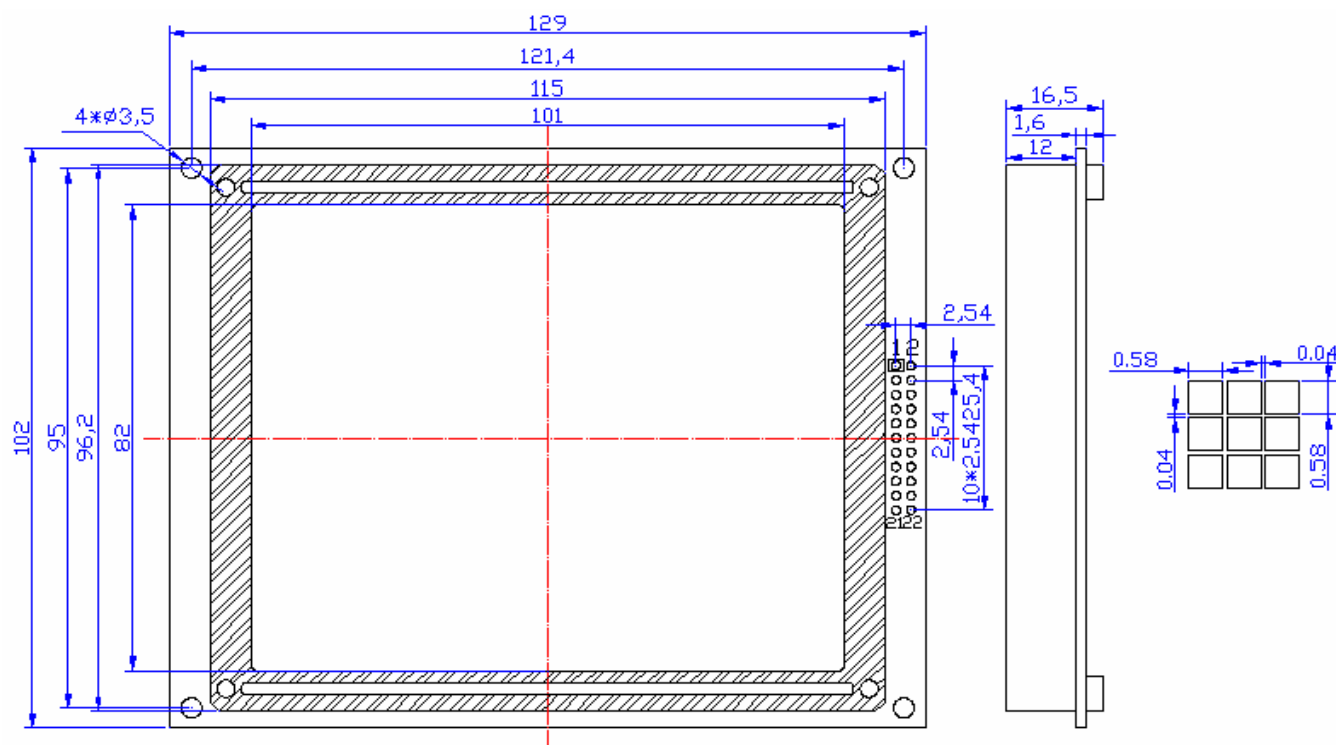


ZCM160128C

* 160X128Dots *Controller LSI built-in *



MECHANICAL DATA(Nomianal dimensions) UNIT:mm

Module Size	129.0 X102.0 X16.5	Display Area	101.0 X82.0
Dots Pitch	0.62 X0.62	Dots Size	0.58 X0.58
Display	160X128 Dots	Driving Method	1/128 Duty

ABSOLUTEMAXIMUMRATINGS

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

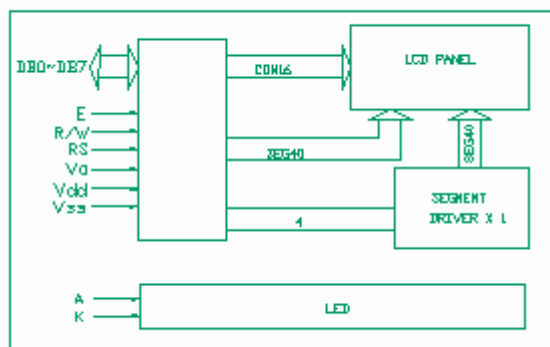
Power supply for logic:0-7V	Input 'High' voltage:0.7VDD<Min>
Power supply for LCD Driver:0~19.0V	Input 'Low' voltage: 0.3VDD<Max>
Input voltage :VSS~VDD	Output 'High' voltage:2.4V<Min>
Operating Temperature: 0~50°C	Output 'Low' voltage: 0.4V<Max>
Storage Temperature:-20~70°C	Power supply current:10.0mA

PIN CONNECTION

Pin	Symbol	Level	Function
1	FG	0	Frame Ground
2	VSS	0V	Ground
3	VDD	5V	Power LCD(+)
4	VO	-	Power LCD(Variable)
5	VEE	-10V	Negative Voltage
6	WR	L	Write Signal
7	RD	L	Read Signal

8	CE	L	Chip Enable
9	C/D	-	-
10	/HALT	-	-
11	RST	H/L	System Reset
12~19	DB0~7	H/L	Data Bus
20	NO	-	No Connection
21	BLA	H	Back Light+
22	BLK	L	Back Light-

BLOCK DIAGRAM



POWER SUPPLY

