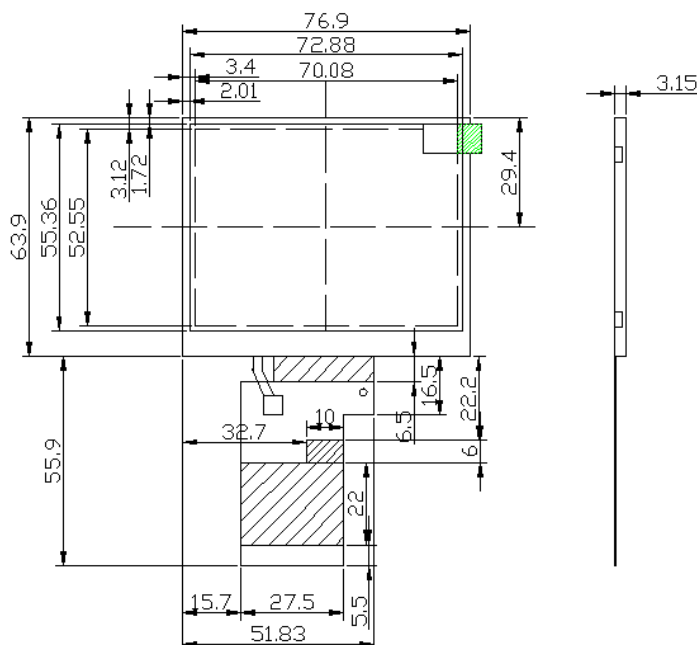


ZCM-NT39016DH-D13EC-3.5

320x240Dots Controller LSI built-in * +5V single power supply

EXTERNAL DIMENSIONS AND DISPLAY PATTERN

Unit:mm



MECHANICAL DATA

Module Size	76.9×119.8×3.15	Effective Display Area	70.08 X52.55
Dots Pitch	0.57X0.57	Dots Size	0.52X0.52
Display:	320X240	Driving Method:	1/32Duty

ABSOLUTEMAXIMUMRATINGS

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

Power supply for logic:-0.3-4.6V	Input 'High' voltage:0.7ADD
Power supply for LCD Driver:3.2V	Input 'Low' voltage:0.3VDD
Input voltage :VSS~VDD	Output 'High' voltage:2.2(Min.)
Operating Temperature:-20~70℃	Output 'Low' voltage: 0.4(Max.)
Storage Temperature:-30~80℃	Power supply current: 4mA

PIN CONNECTION

NO.	Symbol	Description
1~2	LEDK	LED backlight cathode
3~4	LEDA	LED backlight anode
5~7	NC	Not Connect
8	RESET	Reset singal
9	SPENA	3 Wire Communication Enable
10	SPCK	3 Wire Communication Clock input
11	SPDA	3 Wire Communication Data input/output
12~35	DATA0-DATA23	Data input
36	HSYNC	Horizontal Sync input
37	VSYNC	Vertical Sync input
38	DOTCLK	Dot clock signal
39~40	NC	Not Connect
41~42	VDD	A power supply for the logic circuit
43~51	NC	Not Connect
52	DEN	Data Input Enable
53~54	GND	Power Ground