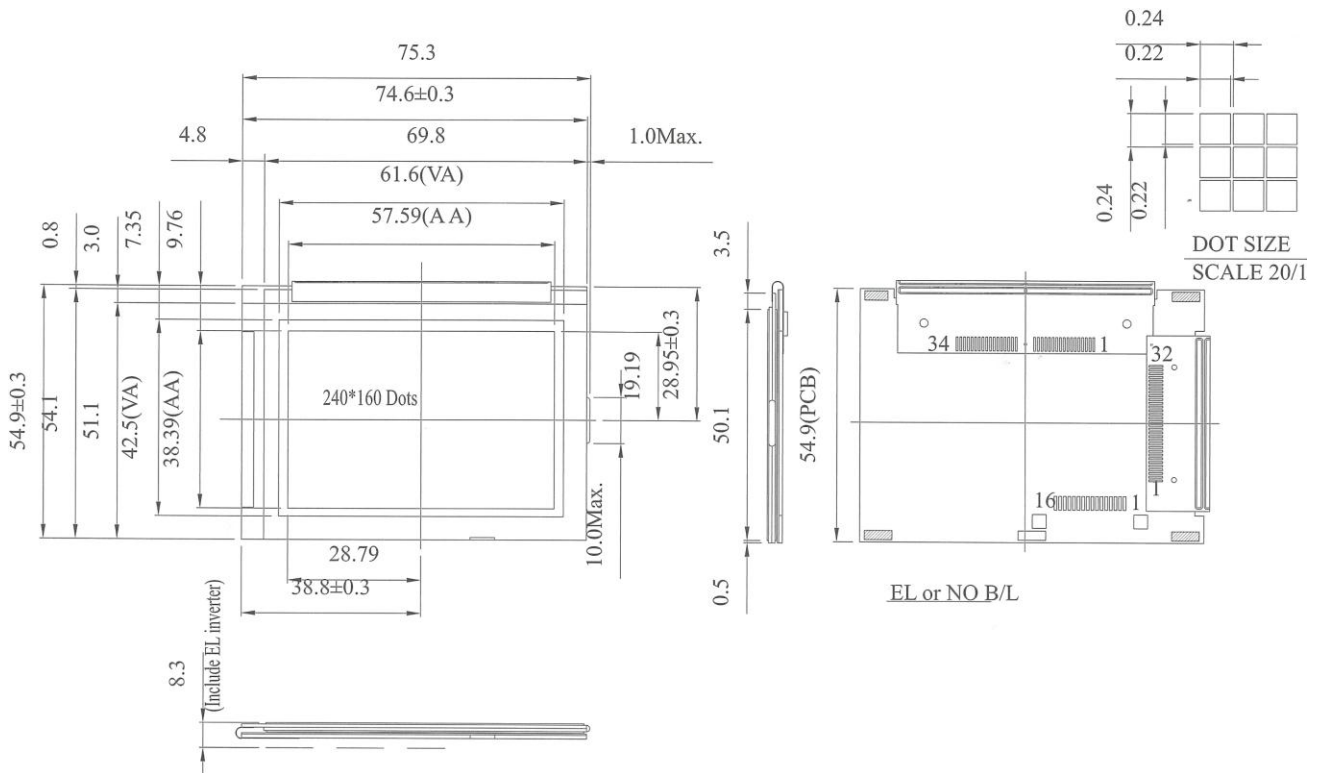


MSX240160A

Graphic TAB 240x160

GMS.

■ ■ ■ DISPLAY SYSTEMS



Feature		
1. No Controller		
2. 1/160 duty cycle		
3. +5V Power supply		
4. MSX240160B: ICRA8835, LED Y/G option		
Pin	Symbol	Function
1	CL2	Data shift pulse
2	CL1	Data latch pulse
3	FLM	Scan start-up signal
4	M/NC	Frame reverse signal (alternate signal)
5	DB0	Data bus line
6	DB1	Data bus line
7	DB2	Data bus line
8	DB3	Data bus line
9	Vee	Power supply for LCD
10	Vdd	Power supply for logic
11	Vss	Ground
12	BLE	EL control signal
13	Velg	Ground for EL
14	Vel	Power supply for EL
15	Vee	Negative Voltage
16	DISP	Display OFF

Mechanical Data					
Item	Standard Value	Unit			
Module Dimension	75.3 x 54.9	mm			
Active Area	61.6 x 42.5	mm			
Dot Size	0.22 x 0.22	mm			
Dot Pitch	0.24 x 0.24	mm			
Absolute Maximum Rating					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	Vdd - Vss	2.5	5.0	5.5	V
Input Voltage	Vi	0	---	Vdd	V

Note: Vss=0 V, Vdd=5.0 V

Electronical Characteristics						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	Vdd	L level	2.5	---	5.5	V
Supply Current	Idd	---	---	---	2.0	mA
Recommended LC Driving Voltage for normal Temperature Version module	Vee-Vss	-20°C	---	---	21.5	V
		0°C	---	---	---	
		25°C	---	19.5	---	
		50°C	---	---	---	
		70°C	17.5	---	---	

See Specification for Backlight information.

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