

# LMX79X298X

320 × 240 dots ; 1/240 duty

## ◆ Features

- Display Mode : positive STN or FSTN
- Display Size : 3.9" (10cm)
- built-in EL inverter (optional)
- Built-in DC / DC, temperature compensation available (optional)
- Hitachi : Hi-Fas IC
- Wide temperature version is available
- Anti-glare polarizer is available (optional)
- EL backlight available (optional)
- Build-in touch panel available (optional)

## ◆ Mechanical Specification

Parameter	Unit	Dimension
Outlet Dimension	mm	75.1 x 93.8 x 7.5 max.
Display Area	mm	61.6 x 80.8
Dot Size	mm	0.225 x 0.225
Dot Pitch	mm	0.24 x 0.24

## ◆ Electronically Characteristics

Parameter	Sym.	Condition	min.	typ.	max.	Unit
Supply Current (Logic)	IDD	VDD=5.0V	---	2.4	---	mA
Supply Current (LCD)	IEE	VDD-V0=23.2 V	---	0.01	---	mA
Recommended LC		0°C	---	---	---	
Driving Voltage	Vop	25°C	1	1.2	3	V
(Normal Temp. Version)		50°C	---	---	---	
EL power supply current	IEL	VEL=3V	---	12	---	mA
Brightness	BP	---	---	10	---	cd/m <sup>2</sup>

## ◆ Internal Pin Connection

(A) LCD I/O

Pin	Symbol	Level	Function
1	CL2	H/L	Data shift signal
2	CL1	H/L	Input data latch signal
3	FLM	H/L	Scan Start Up Signal
4	M	H/L	Alternate signal
5-8	D0-D3	H/L	Display Data bus
9	Vadj	---	Adjust contrast voltage
10	VDD	---	Power Supply for Logic
11	VSS	---	Signal GND
12	BLE	H/L	"H": EL enable, "L": EL disable
13	VELG	---	Power supply for EL
14	VEL	---	Power supply for EL
15-18	NC	---	No connection

mating connector : molex, 52207-1890

## ◆ Outline Dimensions

