

## LM12S47

Color STN-LCD Module

### Features

- 31 cm [12.1"] SVGA format
- Less shadowing utilizing SA\* technology
- Fast response time (150 ms)
- High brightness (100 cd/m<sup>2</sup>)
- High contrast (40 :1)
- Long life CCFT (25, 000 H, Typ.)

\*...Sharp Addressing

### Specifications

Parameter		Unit
Display size	31 [12.1]	cm ["]
Dot format (H x V)	800 x RGB x 600	dot
Dot pitch (H x V)	0.1025 x 0.3075	mm
Active area (H x V)	246.0 x 184.5	mm
Panel type	*1	-
Panel mode	Transmissive	-
Contrast ratio	40 : 1	-
Response time	150	ms
Brightness	100	cd/m <sup>2</sup>

Parameter		Unit
Backlight type	1CCFT(E)	-
Duty ratio	1/300	-
Logic voltage	3.3-5.0 vcon	V
Power consumption panel	590	mW
	Backlight 2 900	mW
Outline dimensions (W x H x D)	275.0 x 202.5 x 8.3	mm
Weight	500	g
Operating temperature	0 to +40	°C
Storage temperature	-25 to + 60	°C

\*1...Triple Super Twisted Nematic

### Outline Dimensions

unit : mm

