SHARP

LM5Q31

Color STN-LCD Module
(FA/POS/Measuring instrument)

Features

- 12.6 cm [5"] QVGA format
- Single scan (1/250 Duty)
- 4 096 colors
- Motion picture compatible:
  Fast response time (200 ms)/High contrast (30:1)
- Built-in gray scale controller/Digital 4-bit/color interface

Specifications

Parameter		Unit
Display size	12.6 [5.0]	cm ["]
Dot format (H x V)	320 x RGB x 240	dot
Dot pitch (H x V)	0.105 x 0.315	mm
Active area (H x V)	100.8 x 75.6	mm
Panel type	*1	-
Panel mode	Transmissive	-
Contrast ratio	30 : 1	-
Response time	200	ms
Brightness	120	cd/m^2

Parameter		Unit
Backlight type	1CCFT(D)	-
Duty ratio	1/250	-
Logic voltage	5.0 Vcon	V
Power consumption	3 710	mW
Outline dimensions (W x H x D)	134.0 x 100.0 (113.0) x 15.0	mm
Weight	165	g
Operating temperature	0 to +60	°C
Storage temperature	-25 to +65	°C

*1...Triple super twisted nematic

Outline Dimensions

unit : mm

