

Toshiba Matsushita Display Technology Co., Ltd

12.1 TYPE COLOR TFT-LCD MODULE

LTD121C34S (a-Si TFT)

All information is subject to change without notice. Please read bottom notes.

RoHS compatible

FEATURES: (1) 12.1 SVGA color display with High Luminance

(2) Built in Long Life Lamps(MTTF:50,000h)

(Condition/Ta:25 , I_{FL} :6mA(rms)(continuing lighting), f_{FL} :50KHz)

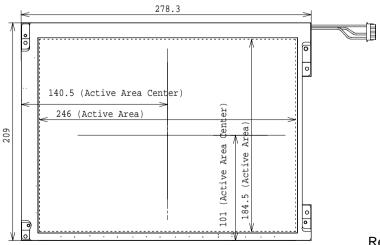
(3) Replaceable structure of lamp units and Mounting compatible with LTD121GA0S(12.1 XGA) and LTD121C3*S Series

(4) Anti Reflection coating

Specification

TENTATIVE

Display size	12.1type(31cm)
Number of Pixels	800(W) X 600(H) (SVGA)
Display Mode	TFT-LCD (Transmissive type, Normally-White)
Pixel Pitch (mm)	0.3075(W) X 0.3075(H)
Luminance (typ.)	380 cd/m ² at I _{FL} =6.0mA(rms)
Response Time (typ.)	T _{ON} =10ms, T _{OFF} =25ms
Contrast (typ.)	500
Viewing Angle (CR≥10)	Vertical : 120 degrees, Horizontal : 140 degrees
I/F Format & Supply voltage	LVDS RGB 6bit, H/V sync+DE or DE-Only , V_{DD} =3.3V
Operating Temperature	-10 to 65 degrees C.
Outline dimension (mm)	278.3(W) X 209.0(H) X 11.0 max.(D)mm
Weight (approximately)	680g
Backlight	Sidelight (2 CCFLs)
Power Consumption	7.5W (Except the efficiency of FL inverter)



Rev.0.2R (2007/03/12)

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