

1. SPECIFICATIONS

1.1 Features

Item	Standard Value
Display Type	800 * 3 (RGB) * 480 Dots
LCD Type	a-Si TFT , Normally white, Transmissive type
Screen size(inch)	5.0 inch
Viewing Direction	6 O'clock
Color configuration	RGB-Strip
Backlight Type	LED B/L
Interface	Digital 24-bits RGB
Other(controller/driver IC)	Soruce IC :OTA7001A_C/ Gate IC: OTD9960A (Or Compatible IC)
ROHS	THIS PRODUCT CONFORMS TO ROHS

1.2 Mechanical Specifications

Item	Standard Value	Unit
Outline Dimension	121.0(W) x 75.9 (L) x 3.1(H)	mm

LCD panel

Item	Standard Value	Unit
Viewing Area	109.0 (W) * 65.8 (L)	mm
Active Area	108.0 (W) x 64.8 (L)	mm
Pixel Size	0.135 (W) * 0.135 (H)	mm

Note : For detailed information please refer to LCM drawing

1.3 Absolute Maximum Ratings

Module

Item	Symbol	Condition	Min.	Max.	Unit
System Power Supply Voltage	VDD	GND=0	-0.3	4.5	V
Operating Temperature	T _{OP}	-	-20	70	°C
Storage Temperature	T _{ST}	-	-30	80	°C

1.4 DC Electrical Characteristics

Module

GND = 0V, Ta = 25°C

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	-	3.0	3.3	3.6	V
Input H/L Level Voltage	V _{IH}	-	0.7VDD	-	VDD	V
	V _{IL}	-	GND	-	0.3VDD	V
Output H/L Level Voltage	V _{OH}	-	VDD-0.4	-	VDD	V
	V _{OL}	-	GND	-	GND+0.4	V
Supply Current	I _{DD}	VDD= 3.3 V Pattern=Picture	-	60	-	mA
		VDD= 3.3 V Pattern=Black *1	-	70	110	mA

Note1:Maximum current display

