

New product: 8.4 inch (1024*768)

--Mitsubishi replacement--

MECHANICAL SPECIFICATIONS

(1)	Number of Pixel	1024 X RGB X 768
(2)	Module Size(mm)	199.5 (H) X 149.0 (V) X 12.2 (D)
(3)	Active Area(mm)	170.8032 (H) X 128.1024 (V)
(4)	Pixel Pitch(mm)	0.1668 (H) X 0.1668 (V)
(5)	LCD / Polarizer Model	TFT , Transmissive , Normally Black
(6)	Backlight Color	White LED
(7)	Viewing Direction	Wide View Angle
(8)	Electrical Interface	LVDS Interface (6/8 bits)
(9)	Color Configuration	R.G.B Stripe
(10)	Module Weight(g)	TBD±5%

OPTICAL CHARACTERISTICS

Ta=25°C

ITEM	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT	REMARK	
Contrast Ratio	CR	$\theta_x=\theta_y=0^\circ$	-	TBD	-	-	Note 1	
Chromaticity	White		x	0.270	0.320	0.360	-	Note 4
			y	0.280	0.330	0.370	-	
Viewing Angle	Hor.	θ_{x+}	-	80	-	Deg.	Note 3	
		θ_{x-}	-	80	-			
	Ver.	θ_{y+}	-	80	-			
		θ_{y-}	-	80	-			
Brightness	L	PWM=100% $\theta_x=\theta_y=0^\circ$	900	1000	-	cd/m ²	Note 5	
Uniformity	YU		-	-	--	%		

7.3 BACKLIGHT UNITS

Ta=25°C

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT	Condition
LED Driving Voltage	VLED	10	12.0	14	V	
LED Driving Current	ILED	-	920	-	mA	1000 cd/m2
ADJ Frequency	-	100		2000	Hz	
LED Life Time	-	80,000		-	Hrs	Note1

Note1 : The LED life time define as the estimated time to 50% degradation of initial luminous.

