

# Brief Spec. : 5.0" WVGA with Touch panel (Wide viewing angle model)

## Features

- **Touch panel attached**  
(4-wire analog resistive)
- **High resolution**
- **Wide Viewing angle**  
85/85 (R/L), 85/85 (U/D)
- **LED Backlight**
- **16.7M colors (8bit / color)**

Type Name	<b>AA050MC01--T1</b>	
Schedule	MP Now	
Screen Size/ Resolution	12.7cm (5.0-inch) / WVGA	
Active Screen Area [mm]	108.0 (H) x 64.8 (V)	
Number of Pixels	800 (H) x 480 (V)	
Pixel Pitch [mm]	0.135 (H) x 0.135 (V)	
Contrast Ratio	600:1	
Brightness [cd/m <sup>2</sup> ]	250 (IF =20mA)	
Viewing Angle [CR>10, °]	-85~85(H), -85~85(V)	
Optimum Viewing Angle (Max. Contrast)	-	
Number of Colors	16.7M colors (8bit / color)	
Color Reproduction (vs. NTSC) [%]	50	
Natural Color Matrix	No	
Backlight	LED	
Interface	CMOS	
Power Consumption [W]	1.14	
Power Supply [V]	LCD : 3.3V &5.0V, Backlight : 23V x2	
Reverse Scan Function	Available	
Module Outline Dimensions [mm]	W	118.5
	H	77.8
	D	4.7 (*W/O FPC)
Module Mass [g]	89	
Operation Temperature Range[° C]	-20 ~ 60	
Storage Temperature Range[° C]	-30 ~ 80	
Surface Treatment (Touch panel)	Clear & Hard coating 3H	