

1. BASIC SPECIFICATION

1.1 Mechanical specifications

Items	Nominal Dimension	Unit
Active screen size	3.5" diagonal	-
Dot Matrix	320 * RGB * 240	Pixel
Module Size (W x H x T)	76.9 x 63.9 x 4.3	mm.
Active Area (W x H)	70.08 x 52.56	mm.
Dot Pitch (W×H)	0.219 × 0.219	mm.
Color depth	262K	color
Interface	8-bits serial/24-bits parallel RGB / CCIR601/656	-
Driving IC Package	COG	-

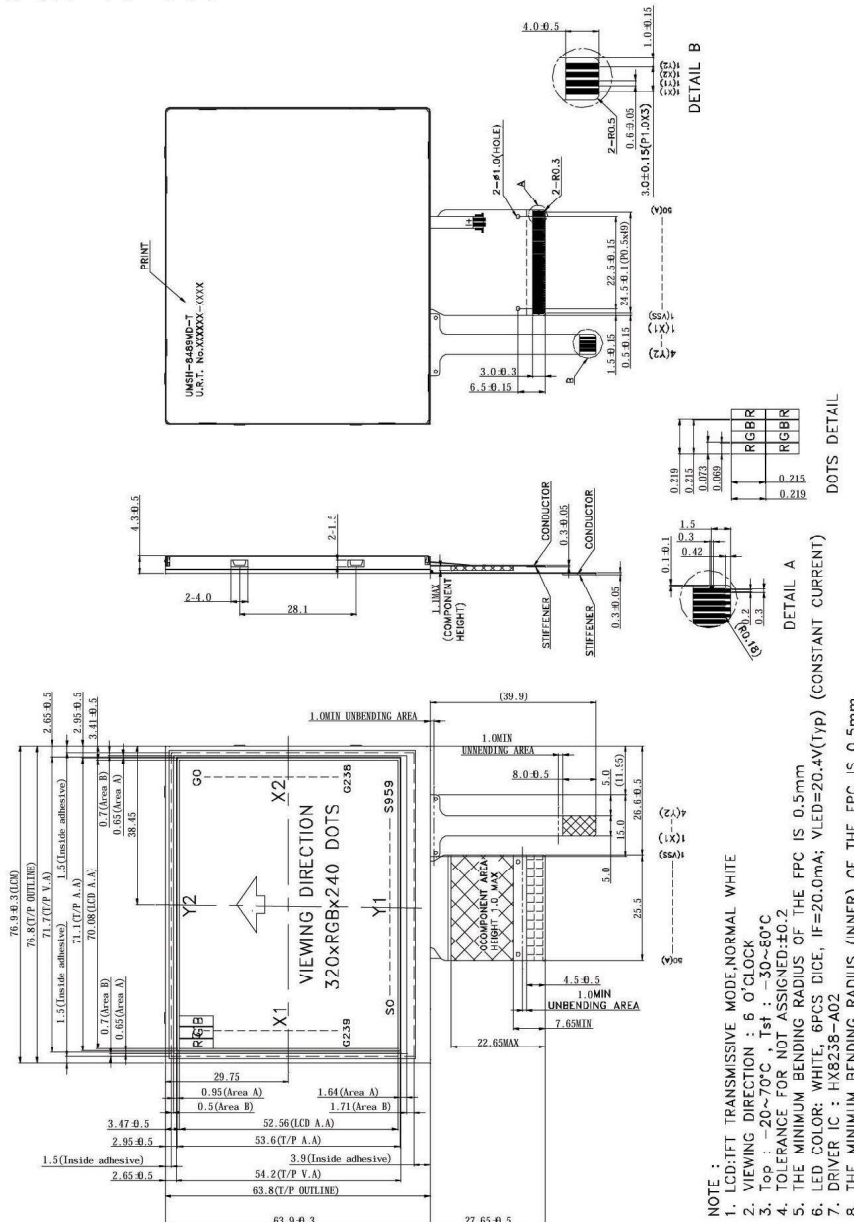
* The maximum color depth of this driver IC is 262K colors ,not 16.7M.

1.2 Display specification

Display	Descriptions	Note
LCD Type	a-Si TFT	-
LCD Mode	TN/Normal white	-
Polarizer Mode	Transmissive	-
Polarizer Surface	Normal	-
Pixel arrangement	RGB-stripe	-
Backlight Type	LED	-
Viewing Direction(Gray inversion)	6 O'clock Direction	-

* Color tone is slightly changed by temperature and driving voltage.

1.3 Outline dimension



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Items	Nominal Dimension	Unit
Active screen size	3.5" diagonal	-
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Module Size (W x H x T)	76.9 x 91.55 x 4.3	mm.
Active Area (W x H)	70.08 x 52.56	mm.
Dot Pitch (W x H)	0.219 x 0.219	mm.
Color depth	262K	color
Interface	1. 8/9/16/18-bit 6800-series / 8080-series Parallel Interface 2. Serial Peripheral Interface (SPI) 3. 18-/6-bit RGB interface (DEN, DOTCLK, HSYNC, VSYNC, DB[17:0]) 4. VSYNC interface (system interface + VSYNC) 5. WSYNC interface (system interface + WSYNC)	-
Driving IC Package	COG	-
Module weight	32	g

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