

Technical drawing of a 16-pin LCD module. The drawing includes a top view showing a 16x1 pixel array, a side view showing the module's profile, and a detailed view of the pixel array. Dimensions are provided in millimeters. The top view shows a 16-pin package with a 16x1 pixel array. The side view shows a module with a height of 1.60mm. The detailed view shows a 16x1 pixel array with dimensions 4.75mm and 5.35mm. The drawing is labeled with 'A' through 'F' and '1' through '8'.

Dimensions:

- Top View: 59.95±0.5, 55.00±0.3, 41.90±0.3, 25.20 V/A, 20.80 A/A, 2.50, 9.05, 17.40, 19.60, 2.50, 5.25, 11.00, 13.80, 10.00, 98.00±0.5, 93.00±0.3, 87.50±0.3, 76.00 V/A, 70.40 A/A.
- Side View: 1.60, 13.70 max, 13.20±0.3, 9.10±0.3, 3.55, 2.95, 0.60, 0.55, 0.60, 0.55.
- Detailed View: 4.75, 5.35.

Pinout Table:

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SYMBOL	VSS	VDD	VO	RS	R/W	E	D0	D1	D2	D3	D4	D5	D6	D7	LED+	LED-

Notes:

- DISPLAY TYPE: STN-Y/G-POSITIVE
- DISPLAY MODE: TRANSMISSIVE,ANTI-UV
- DRIVE METHOD: 1/16 DUTY, 1/5 BIAS, 4.5V Vop, 5.0V VDD
- VIEWING DIR.: 6:00
- OP. TEMP.: -20°C~70°C
- ST. TEMP.: -30°C~80°C
- BACKLIGHT: COLOR-Y/G, Vf=5.0V, If<45mA
- DRIVER IC:ST7066,ST7063*2

Company Information:

深圳市华远显示器件有限公司

DRAWING No.: HYC200401C-VB
DRAWING TITLE: LCM

FILE NO.: 8

REV.: A

PROJECTION:

SCALE: -

UNIT: MM

SHEET: 1/1

Technical drawing of a 16-pin LCD module. The drawing includes a top view showing a 16x1 pixel matrix, a side view showing the module's profile, and a detail view of the pixel structure. Dimensions are provided in millimeters with tolerances. A pinout table and company information are also included.

Dimensions (mm):

- Overall width: 59.95±0.5
- Overall height: 98.00±0.5
- Pin pitch: 2.50
- Pin 1 to Pin 16: 10.00
- Pin 1 to Pin 16: 13.80
- Pin 1 to Pin 16: 11.00
- Pin 1 to Pin 16: 5.25
- Pin 1 to Pin 16: 93.00±0.3
- Pin 1 to Pin 16: 87.50±0.3
- Pin 1 to Pin 16: 76.00 V/A
- Pin 1 to Pin 16: 70.40 A/A
- Pin 1 to Pin 16: 25.20 V/A
- Pin 1 to Pin 16: 20.80 A/A
- Pin 1 to Pin 16: 41.90±0.3
- Pin 1 to Pin 16: 55.00±0.3
- Pin 1 to Pin 16: 2.50
- Pin 1 to Pin 16: 9.05
- Pin 1 to Pin 16: 17.40
- Pin 1 to Pin 16: 19.60

Pinout Table:

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SYMBOL	VSS	VDD	VO	RS	R/W	E	D0	D1	D2	D3	D4	D5	D6	D7	LED+	LED-

Company Information:

深圳市华远显示器件有限公司

DRAWING No.: HYC200401C-VB

DRAWING TITLE: LCM

FILE NO.: 8

REV.: A

PROJECTION: 1:1

SCALE: 1:1

SHEET: 1/1

Technical drawing of a 16-pin LCD module. The drawing includes a top view showing a 16x1 pixel matrix, a side view showing the module's profile, and a detail view of the pixel structure. Dimensions are provided in millimeters. The top view shows a total width of 59.95±0.5mm and a total height of 98.00±0.5mm. The side view shows a maximum height of 13.70mm. The detail view shows a pixel pitch of 0.60mm and a subpixel pitch of 0.55mm. The drawing is labeled with 'A' through 'F' and '1' through '8'.

Dimensions:

- Top View: 59.95±0.5, 55.00±0.3, 41.90±0.3, 25.20 V/A, 20.80 A/A, 2.50, 9.05, 17.40, 19.60, 2.50, 5.25, 11.00, 13.80, 10.00, 98.00±0.5, 93.00±0.3, 87.50±0.3, 76.00 V/A, 70.40 A/A.
- Side View: 13.70 max, 13.20±0.3, 9.10±0.3.
- Detail View: 3.55, 2.95, 0.60, 0.55, 0.60, 0.55, 4.75, 5.35, 1.60.

Pinout Table:

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SYMBOL	VSS	VDD	VO	RS	R/W	E	D0	D1	D2	D3	D4	D5	D6	D7	LED+	LED-

Notes:

- DISPLAY TYPE: STN-Y/G-POSITIVE
- DISPLAY MODE: TRANSMISSIVE,ANTI-UV
- DRIVE METHOD: 1/16 DUTY, 1/5 BIAS, 4.5V Vop, 5.0V VDD
- VIEWING DIR.: 6:00
- OP. TEMP.: -20°C~70°C
- ST. TEMP.: -30°C~80°C
- BACKLIGHT: COLOR-Y/G, Vf=5.0V, If<45mA
- DRIVER IC:ST7066,ST7063*2

Company Information:

深圳市华远显示器件有限公司

DRAWING No.: HYC200401C-VB

DRAWING TITLE: LCM

FILE NO.: 8

REV.: A

PROJECTION: 1st Angle

SCALE: 1:1

SHEET: 1/1