

The technical drawing illustrates the LCD module's specifications. The top view shows a rectangular module with a central display area of 128*32 DOTS. Dimensions include an overall width of 84.0mm and a height of 44.0mm. Pin configurations are detailed at the bottom, showing 18 pins for the main module and 4 pins for the DB0-DB7 interface. The side view shows a thickness of 14.5mm. A detail view (DETAIL A) shows the internal structure of the display area.

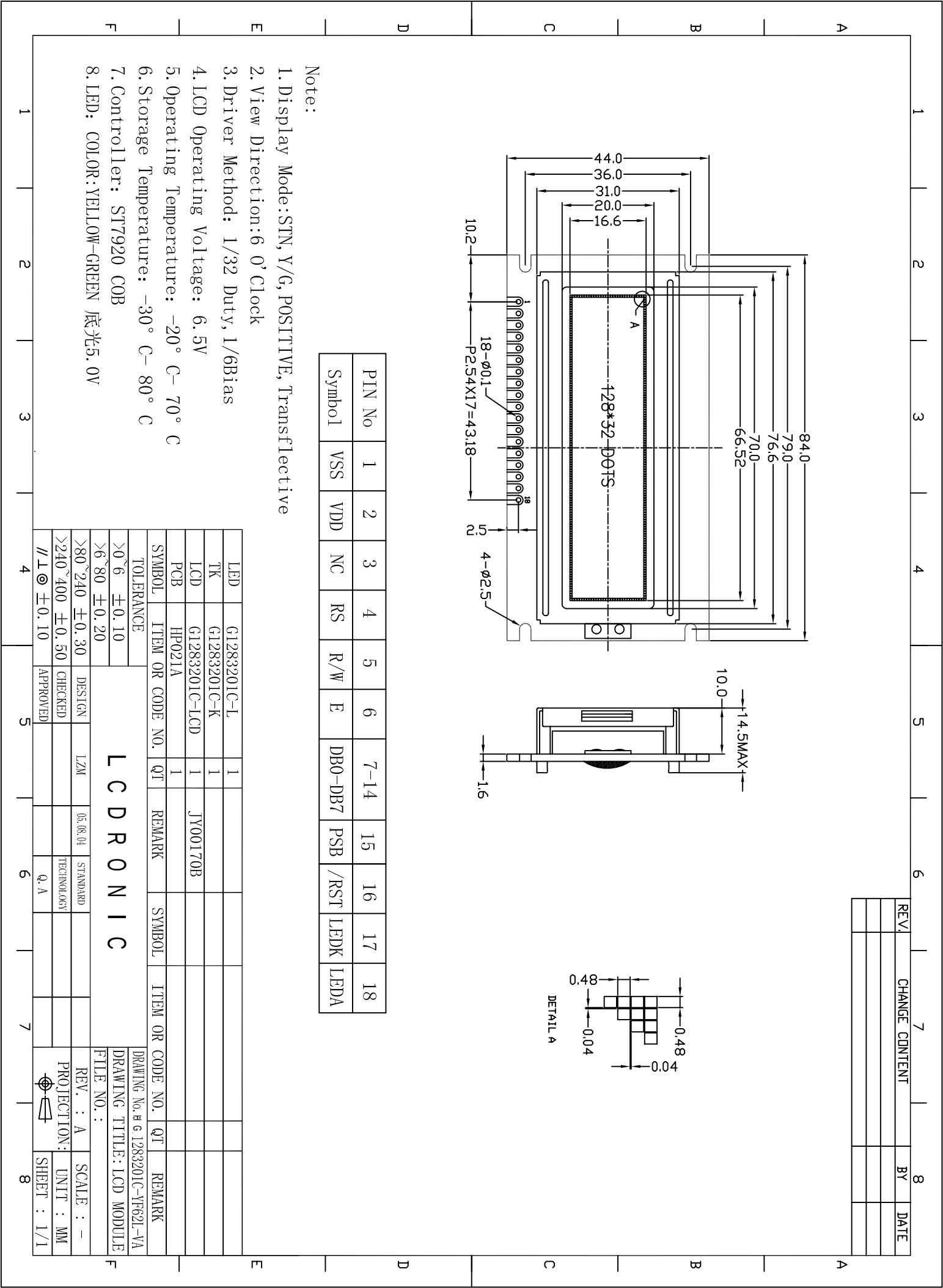
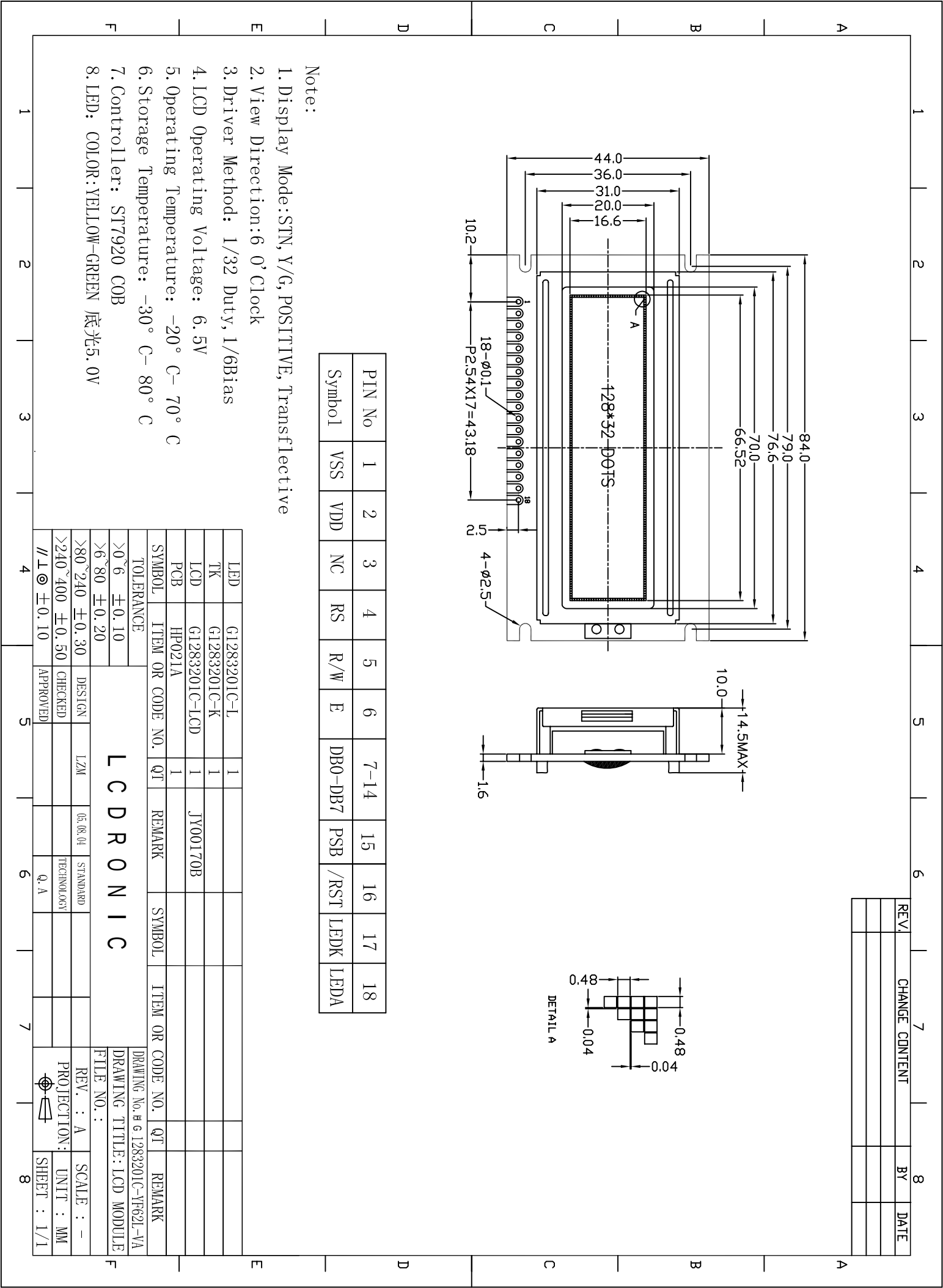
REV.	CHANGE CONTENT	BY	DATE

PIN No	1	2	3	4	5	6	7-14	15	16	17	18
Symbol	VSS	VDD	NC	RS	R/W	E	DB0-DB7	PSB	/RST	LEDK	LEDA

LED	G1283201C-L	1									
TK	G1283201C-K	1									
LCD	G1283201C-LCD	1									
PCB	HP021A	1									
SYMBOL	ITEM OR CODE NO.	QT	REMARK	SYMBOL	ITEM OR CODE NO.	QT	REMARK				
TOLERANCE											
>0~6	±0.10										
>6~80	±0.20										
>80~240	±0.30										
>240~400	±0.50										
//1.0	±0.10										

DESIGN	LZM	05.08.04	STANDARD								
CHECKED			TECHNOLOGY								
APPROVED			Q.A								

FILE NO.:		REV.:	A	SCALE:	-
DRAWING TITLE:	LCD MODULE	PROJECTION:		UNIT:	MM
DRAWING No.:	6.1283201C-YF62L-VA	SHEET:	1/1		



REV.	CHANGE CONTENT	BY	DATE

The technical drawing illustrates the LCD module's dimensions and pin configurations. The top view shows a rectangular module with a central display area of 128*32 DOTS. The overall dimensions are 84.0mm in width and 79.0mm in height. The display area is 70.0mm wide and 66.52mm high. The module has 18 pins in total, with 16 pins for the display (pins 1-16) and 2 pins for the LED (pins 17-18). The pin configurations are detailed in the table below.

The side view shows the module's profile with a height of 14.5MAX and a base width of 10.0. The detail view shows the pin pitch of 0.48mm and the pin width of 0.04mm.

PIN No	1	2	3	4	5	6	7-14	15	16	17	18
Symbol	VSS	VDD	NC	RS	R/W	E	DB0-DB7	PSB	/RST	LEDK	LEDA

Note:

1. Display Mode:STN, Y/G, POSITIVE, Transflective
2. View Direction:6 0°Clock
3. Driver Method: 1/32 Duty, 1/6Bias
4. LCD Operating Voltage: 6.5V
5. Operating Temperature: -20° C- 70° C
6. Storage Temperature: -30° C- 80° C
7. Controller: ST7920 COB
8. LED: COLOR:YELLOW-GREEN 底光5.0V

LED	G1283201C-L	1									
TK	G1283201C-K	1									
LCD	G1283201C-LCD	1									
PCB	HP021A	1									
SYMBOL	ITEM OR CODE NO.	QT	REMARK	SYMBOL	ITEM OR CODE NO.	QT	REMARK	SYMBOL	ITEM OR CODE NO.	QT	REMARK
TOLERANCE											
>0~6	±0.10										
>6~80	±0.20										
>80~240	±0.30										
>240~400	±0.50										
//1.0	±0.10										
DESIGN	LZM	05.08.04	STANDARD								
CHECKED			TECHNOLOGY								
APPROVED			Q.A								
LCDRONIC				DRAWING No. # 6 1283201C-YF62L-VA				DRAWING TITLE: LCD MODULE			
FILE NO.:				REV. : A				SCALE : -			
				PROJECTION:				UNIT : MM			
								SHEET : 1/1			

The technical drawing illustrates the LCD module's dimensions and pin configurations. The top view shows a rectangular module with a central display area of 128*32 DOTS. The overall dimensions are 84.0mm in width and 79.0mm in height. The display area is 70.0mm wide and 66.52mm high. The module has 18 pins in total, with 16 pins for the display (pins 1-16) and 2 pins for the LED (pins 17-18). The pin configurations are detailed in the table below.

PIN No	1	2	3	4	5	6	7-14	15	16	17	18
Symbol	VSS	VDD	NC	RS	R/W	E	DB0-DB7	PSB	/RST	LEDK	LEDA

The side view shows the module's profile with a height of 14.5MAX and a base width of 10.0. The detail view shows the pin pitch of 0.48mm and the pin width of 0.04mm.

REV.	CHANGE CONTENT	BY	DATE

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

1	2	3	4	5	6	7	8

- The figure is a technical drawing of an LCD module, labeled 'LCDRONIC'.

Top View: Shows the overall dimensions of the module. The total width is 84.0 mm, and the total height is 44.0 mm. The active display area is 128*32 DOTS. The pin pitch is 0.5 mm (P2.54X17=43.18). The module has 18 pins in total, with 16 pins for the LCD and 2 pins for the LED. The pin configuration is as follows:

PIN No	1	2	3	4	5	6	7-14	15	16	17	18
Symbol	VSS	VDD	NC	RS	R/W	E	DB0-DB7	PSB	/RST	LEDK	LEDA

Side View: Shows the module's profile. The total height is 14.5 mm MAX. The display area is 10.0 mm high. The module has a 1.6 mm thick bezel.

Detail A: A close-up view of the pin connections, showing a 0.48 mm pitch and a 0.04 mm offset.

Notes:

 1. Display Mode: STN, Y/G, POSITIVE, Transflective
 2. View Direction: 6 O'Clock
 3. Driver Method: 1/32 Duty, 1/6 Bias
 4. LCD Operating Voltage: 6.5V
 5. Operating Temperature: -20° C - 70° C
 6. Storage Temperature: -30° C - 80° C
 7. Controller: ST7920 COB
 8. LED: COLOR: YELLOW-GREEN 底光5.0V
- | REV. | CHANGE CONTENT | BY | DATE |
|------|----------------|----|------|
| | | | |
| | | | |
| | | | |

1	2	3	4	5	6	7	8

The figure is a technical drawing of an LCD module, labeled 'LCDRONIC'.

Top View: Shows the overall dimensions of the module. The total width is 84.0 mm, and the total height is 44.0 mm. The active display area is 128*32 DOTS. The pin pitch is 0.5 mm (P2.54X17=43.18). The module has 18 pins in total, with 16 pins for the LCD and 2 pins for the LED. The pin configuration is as follows:

PIN No	1	2	3	4	5	6	7-14	15	16	17	18
Symbol	VSS	VDD	NC	RS	R/W	E	DB0-DB7	PSB	/RST	LEDK	LEDA

Side View: Shows the module's profile. The total height is 14.5 mm MAX. The display area is 10.0 mm high. The module has a 1.6 mm thick bezel.

Detail A: A close-up view of the pin connections, showing a 0.48 mm pitch and a 0.04 mm offset.

Notes:

- Display Mode: STN, Y/G, POSITIVE, Transflective
- View Direction: 60° Clock
- Driver Method: 1/32 Duty, 1/6 Bias
- LCD Operating Voltage: 6.5V
- Operating Temperature: -20° C - 70° C
- Storage Temperature: -30° C - 80° C
- Controller: ST7920 COB
- LED: COLOR: YELLOW-GREEN 底光5.0V