



Mini 7 Segment TN LCD Display Module with Transmissive Negative Screen and 36-Pin Connector

Basic Information



Product Specification

- Connection: Pin
- Cover Glass Dimension: Customizable
- Fpc Connect: 36 Pins
- Storage Temperature: -30°C To 80°C
- Pixel Pitch: 0.17925 Mm
- Contrast ratio: 1000:1
- Response Time: 25 Ms
- Viewing Direction: 12 O'clock



More Images



Product Description

Mini 7 Segment VA TN 36 Pins LCD Display Module

Mini 36-pin TN Negative Transmissive 7-Segment LCD Module is a small-sized, low-power, and cost-effective segment-type liquid crystal display, specifically designed for digital display applications.

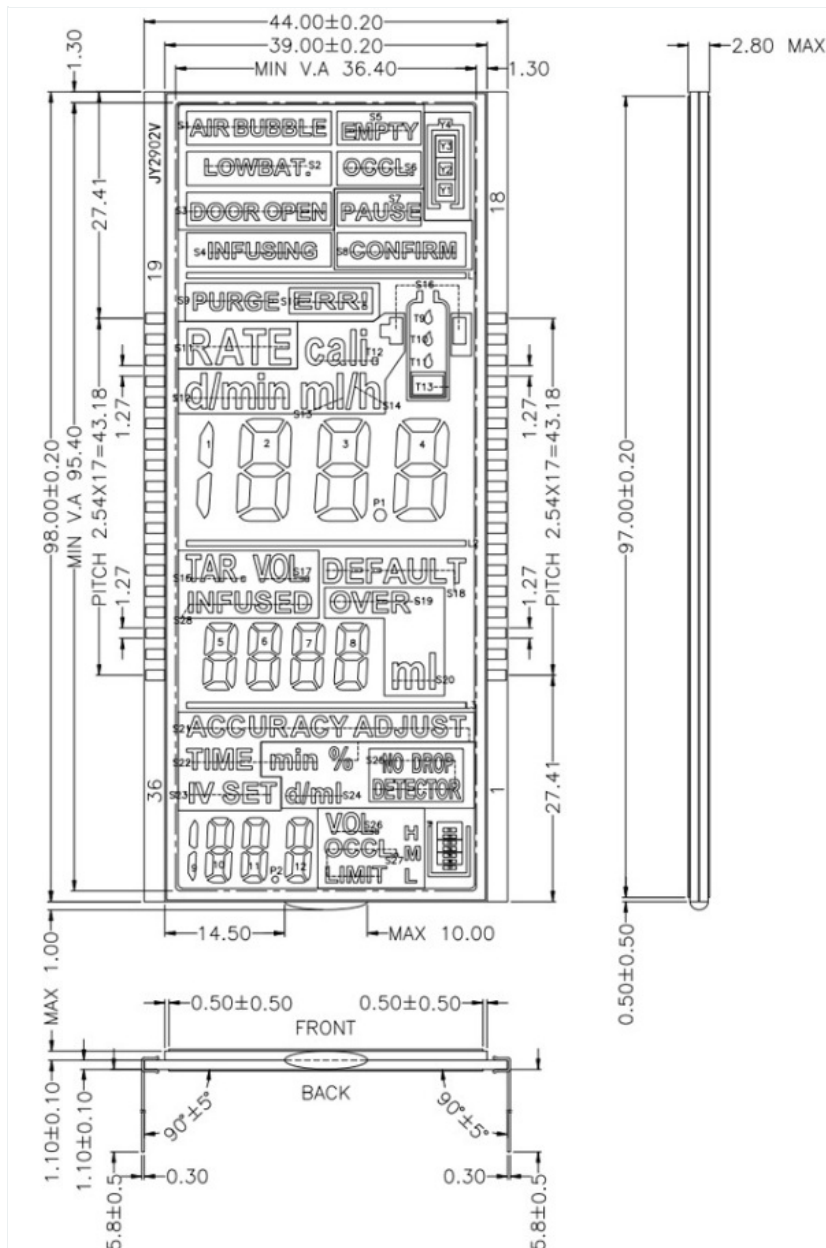
Specifications

Display Mode	VA TN Transmissive Negative
Optics	12:00 Viewing Direction
Backlight	No
Glass	TN Negative, Transmissive
Operating Temperature	0°C to +50°C
Pin Number	36 Pins
Connector	Pin
Compliance	REACH & RoHS Compliant

Technical Parameters

Display Type	Transmissive Negative
LCD Type	VA TN
Driver Condition	1/4 Duty, 1/3 Bias
Viewing Direction	12 O'clock
Backlight Type	None
Outline Dimension	98(L) × 22(W) × 2.8(T) mm
Viewing Area	95.4(L) × 36.4(W) mm
LCD Operating Voltage	5V

Product Drawing



Product Introduction

Display Technology: TN (Twisted Nematic) - Twisted Nematic liquid crystal

Display Mode: Negative display (black background with white characters), high contrast, clear vision

Display Mode: Transmissive - Requires backlight (LED) for clear display in dim conditions

Pins: 36 pins for connecting to driving circuit, power supply, and signals

Display Content: 7-segment digital tube capable of displaying 0-9 numbers, decimal point, and symbols

Driver: 1/4 Duty, 1/3 Bias with working voltage typically 3.0V to 5.0V

Size: Mini type, thin thickness (approximately 2.8mm), suitable for small devices

Features: Low cost, fast response, low power consumption, simple structure, stable and reliable

Main Applications

Industrial instruments: temperature controllers, pressure gauges, counters, flow meters, speedometers

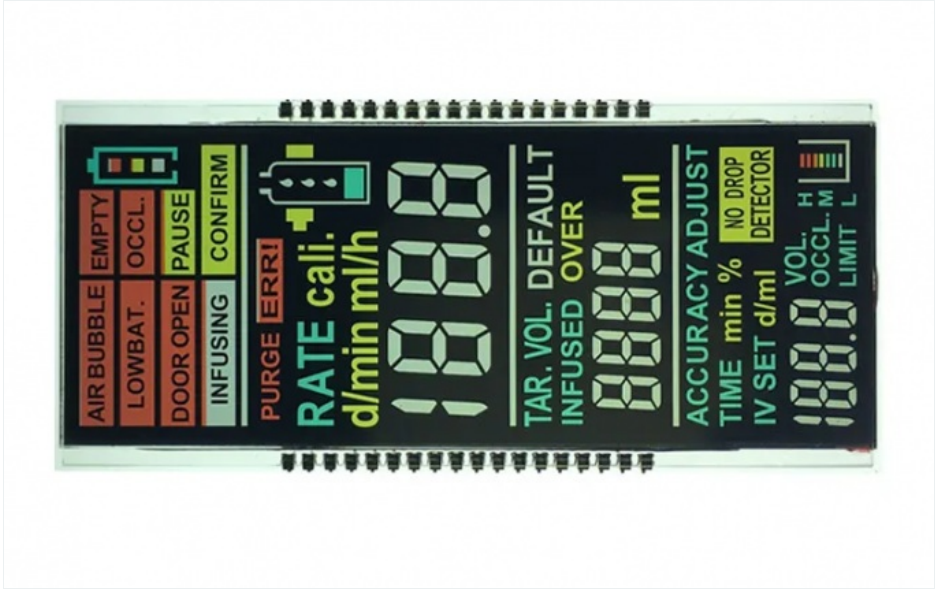
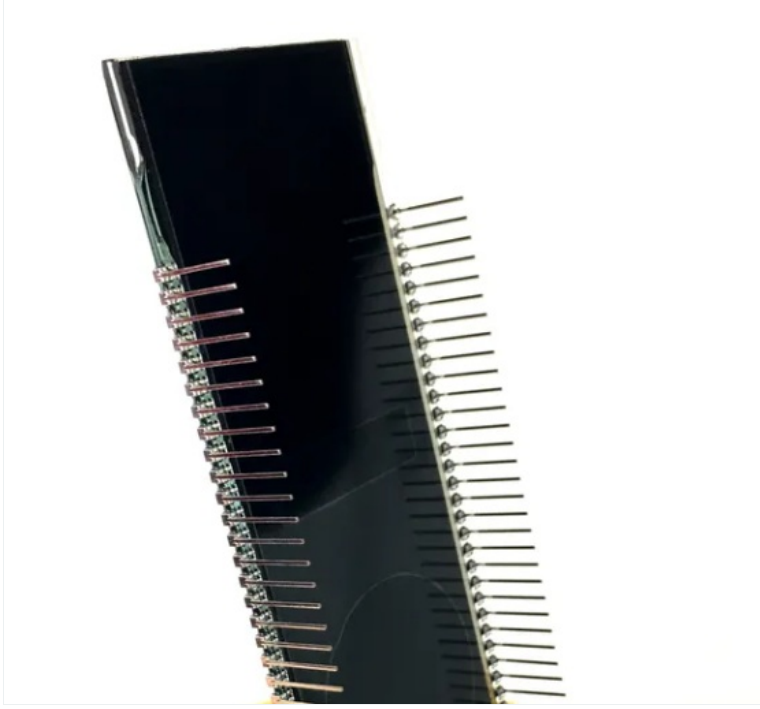
Household appliances: microwave ovens, washing machines, air conditioners, rice cookers, water heaters

Consumer electronics: electronic clocks, timers, remote controls, blood glucose meters, weighing scales

Medical equipment: blood pressure monitors, blood oxygen meters, blood glucose meters, monitoring devices

Automotive electronics: vehicle clocks, mileage meters, instrument displays

Instrumentation: multimeters, frequency meters, temperature controllers, electronic scales





Product Video

Our Services

- Free repair within one year after product shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality inspection and testing before shipment
- 24-hour customer service response time
- Custom LCD display manufacturing based on specifications or drawings

Frequently Asked Questions

Q: I want an LCD display with 8 digits and outline size of 65x30x2.8mm. Is this possible?

A: Yes, please send us your specification or drawing. If you don't have specifications, we can recommend suitable standard products or customize based on your requirements.

Q: The LCD is what we want, but the size is too big. Do you have smaller sizes?

A: For segment type LCD modules, modifying outline size or display content requires a new LCD glass module, which involves creating new tooling.

Q: This LCD display is HTN type, but I want STN type. Can you make it?

A: Yes, we can change the display type according to your request.

Q: Can you customize a new LCD module?

A: Yes, we can customize LCD modules. Please send your drawing or provide outline size, display information, glass thickness, polarizer type, display type, connector mode, temperature specifications, supply voltage, viewing direction, and drive conditions.

Q: What is the lead time for tooling?

A: Typically 15 to 25 days after drawing confirmation and tooling charge payment. Exact timing will be confirmed upon drawing approval.

Q: Can you send samples for checking?

A: Yes, sample orders are available.

Q: What is the lead time for production?

A: For standard products in stock: 1 day after payment. For mass production of special orders: approximately 15-30 days. We will notify you if we can complete earlier.



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