

## Custom 7 Segment LCD Display with 37mm x 17mm x 1.1mm Dimensions and 3.0V Supply Voltage for 34mm x 12mm Viewing Area

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Backlight Color: Customizable
- Dimensions: 37mm ( L ) \* 17mm ( W ) \* 1.1mm T
- Supply Voltage: 3.0V
- Display Type: Segment LCD
- Connect: Pin
- Viewing Area: 34mm ( L ) \* 12mm ( W )
- Backlight Type: LED
- Highlight: **37mm x 17mm x 1.1mm 7 Segment LCD Display , 3.0V Supply Voltage TN Digit LCD Display , 34mm x 12mm Viewing Area Custom Segment LCD Display**



## Product Description

### Custom 7 Segment LCD Reflective Display Module / TN Digit LCD Positive Display

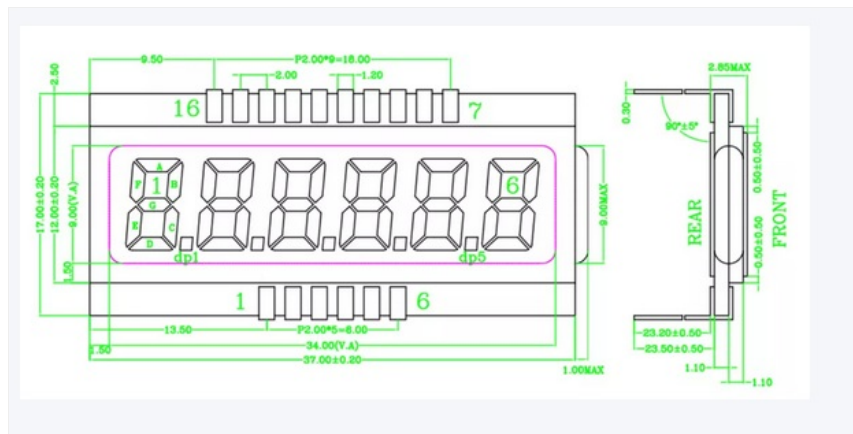
#### Product Details

Type:	Custom TN LCD Display
Background:	Custom
Voltage:	3.0 V
Connector:	Pin
Driving Method:	Dynamic
Polarizer Type:	Transmissive

#### Product Specifications

Item	Content	Description
1	LCD Type	FSTN LCD Display
2	Outline Size	37mm (L) * 17mm (W) * 1.1mm (T)
3	VA Size	34mm (L) * 12mm (W)
4	Viewing Direction	6 O'clock
5	Voltage	3.0V
6	Display Mode	Positive
7	Polarizer Mode	Transmissive, Transflective
8	Backlight	White LED
9	LED Number	2pcs
10	Contact	Pin





## Display Screen Introduction

### Structure and Principle

The 7-segment liquid crystal reflective display module consists of seven liquid crystal display segments arranged in an "8" shape, with each segment independently controllable. It utilizes the optical rotation property of TN liquid crystal molecules that change arrangement under an electric field, altering light transmission and reflection to achieve segment on/off display. In positive display mode, segments appear bright when no electricity is applied (light reflection) and dark when powered (light transmission).

### Display Characteristics

- Monochrome display capability (black/white tones)
- Low power consumption - reflective design eliminates need for backlight
- Fast response speed for quick content updates
- Optimized for simple numeric and character display

### Technical Parameters

- Operating voltage: 3.0V typical
- Operating temperature: -20 to 70
- Storage temperature: -30 to 80
- Optimal viewing angle: 12:00 direction (front view)

### Configuration Options

- Customizable dimensions to fit specific space requirements
- Multiple connection options: PIN pads, FPC, or zebra strips
- Flexible integration with circuit boards

## Applications

- Consumer Electronics:** Electronic watches, calculators, handheld games
- Home Appliances:** AC remotes, washing machines, microwaves
- Instrumentation:** Multimeters, oscilloscopes, electronic scales
- Industrial Control:** Process monitoring for temperature/pressure/flow
- Transportation:** Vehicle dashboards for speed/fuel/temperature display

## Frequently Asked Questions

### I want the LCD display 8 digits and the outline size is 65x30x2.8mm?

We can accommodate custom specifications. Please provide your detailed requirements or samples, and we'll recommend suitable options or create a customized solution.

### This LCD is the right type but needs size reduction and minor display changes?

For segment-type LCD modules, size or content modifications require new tooling for a custom LCD glass module.

### Can you produce STN type instead of HTN?

Yes, we can modify the display type according to your requirements.

### Do you offer custom LCD module development?

We provide full customization services. Please share your specifications including outline dimensions, display parameters, operating conditions, and connection requirements.

### What is the tooling lead time?

Standard lead time is 15-25 days after drawing approval and tooling payment. Exact timeline will be confirmed upon project finalization.

**Can we request samples for evaluation?**

Sample orders are available for quality verification.

**What are your production lead times?**

Standard products ship within 1 day of payment. Custom mass production typically requires 15-30 days, with possible earlier completion notifications.



**Dongguan Bibuke Electronic Technology Co., Ltd.**



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

Shangyu Commercial Centre Chang'an, Dongguan, Guangdong, China 523881