

Custom HTN LCD Display Module with LED Backlight for Electronic Meter Applications

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Backlight Technology: LED
- Va Size: 109 (H) * 14 (W) Mm
- Color: Red, Blue Or Yellow
- Drive Parameter: 1/4 Duty 1/3 Bias
- Dimensions: 110 (H) * 18 (W) * 1.1 Mm (T)
- Connect: Pin
- Outline Size: 19.65(H)*36.76(V)*1.6(D)mm
- Voltage: 3.3v.5.0v
- Highlight: HTN Characters LCD Display ,
Electronic Meter LCD Module,
LED Backlight HTN LCD



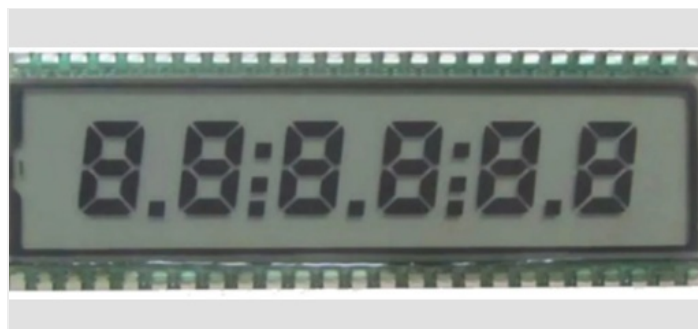
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Transmissive Custom LCD Display Module HTN Characters For Electronic Meter

Product Details

Lcd Type:	HTN Lcd Display
Voltage:	3.3V
LED:	White
Display Mode:	Transmissive

ITEM	CONTENT	DESCRIPTION
1	Display Outline Size	110 (H) * 18 (W) * 1.1 mm (T)
2	Viewing Size	109 (H) * 14 (W) mm
3	Voltage	3.3 V , 5.0V
4	Operation Temperature	-20 70
5	Drive Parameter	1/4 Duty 1/3 Bias
6	Backlight	White Led
7	Color	Red, Blue or Yellow
8	Interface	Pin



Display Screen Introduction

Display Technology: HTN, or High Twisted Nematic, is a type of twisted nematic liquid crystal technology. Compared to the traditional TN screen, it has a wider viewing angle, higher contrast ratio, almost no light leakage in the black areas, a clean white background, clear text and icons display, and performs well in strong light conditions.

Display Modes: There are usually two modes: positive display and negative display. Positive display is generally white background with black text or yellow-green background with black text, etc., while negative display is blue background with white text or black background with white text, etc. The positive display mode is easier to be seen in outdoor strong light, and the negative display mode has better visual effect in indoor or dimly lit environments.

Power Consumption Characteristics: It has the feature of low power consumption. In the static display state, the current can be as low as several microampere levels, suitable for battery-powered or equipment requiring long-term operation.

Customization: Supports small-scale customization. It can be customized according to user requirements, including display content, icon style, segment code layout, etc., and can also add brand LOGO to meet personalized needs.

Working Parameters: The working voltage is generally around $5.0V \pm 0.2V$. It can also be customized according to customer requirements. The working temperature is usually $-10 - 60$, and some products can extend to $-20 - 70$.

Purpose

Automotive electronics: Widely used in vehicle-mounted instruments such as speedometers, mileage meters, tire pressure monitoring displays, etc., they can clearly display vehicle-related information. Their low power consumption and anti-glare features are suitable for the vehicle environment.

Instrumentation: Applied in various instruments such as temperature meters, water meters, electricity meters, and multimeters, it can accurately display measurement data and facilitate users' reading.

Household appliances: Control panels that can be used for various household appliances such as air conditioners, refrigerators, and microwave ovens, displaying information such as working status and setting parameters.

Medical care equipment: On devices such as massage machines and beauty and body care equipment, it is used to display working modes, parameter settings, etc., to assist users in operating the equipment.

Fitness equipment: Such as treadmills, exercise bikes, etc., can display sports data, such as speed, distance, calorie consumption, etc., providing users with sports monitoring information.

FAQ

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

Answer: No problem. Firstly, please kindly send us your specification/ drawing paper. If you have not the specification, you can also provide your samples; we will recommend the suitable one if it is standard products. Or we can customize for you based on your own requirement.

This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.

Answer: For the segment type LCD module, if you need modify the outline size or display content, a new LCD glass module is need. We have to open new tooling for you.

This LCD display is HTN type, but I want STN type, can you make?

Answer: That's all right. We can change for you as per you request.

I want customize a new LCD module. Can you do?

Answer: Yes, we can. Please send your drawing paper. If you have not, please advise me the outline size of the LCD display, display information (Glass thickness, Polarizer, Display Type, Connector mode, Storage Temp. Operating Temp. Supply Voltage, Viewing direction, drive condition), we can customize for you.

What is leading time for tooling?

Answer: General speaking, it will cost 15 to 25 days after drawing paper confirmation and tooling charge payment, we can report you the exact time when you confirm the drawing paper.

Can you send us samples for checking?

Answer: Yes. Samples order is available.

What is the Leading Time?

Answer: If we have stock for the standard ones, the leading time is one day after payment. If it is the mass production for special ones, the leading time is about 15-30 days. Suppose we can finish earlier, we will report the information in advanced.



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