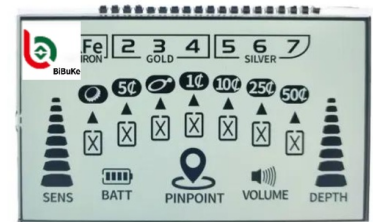


OEM ODM HTN Seven Segment LCD Display with Metal Pin Connector for Industrial and Vehicle Applications

Our Product Introduction

Basic Information



Product Specification

- Brightness: 300 Cd/m²
- Dimensions: 189x169x2.8 Mm
- Viewing Direction: 6:00
- Connector: Metal Pin
- Driving Condition: Static, 1/1 Duty, 4.7V
- Operating Temp: -20°C To +80°C
- Pin Number: 40PIN
- Glass: HTN, Positive, Transmissive



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Product Description

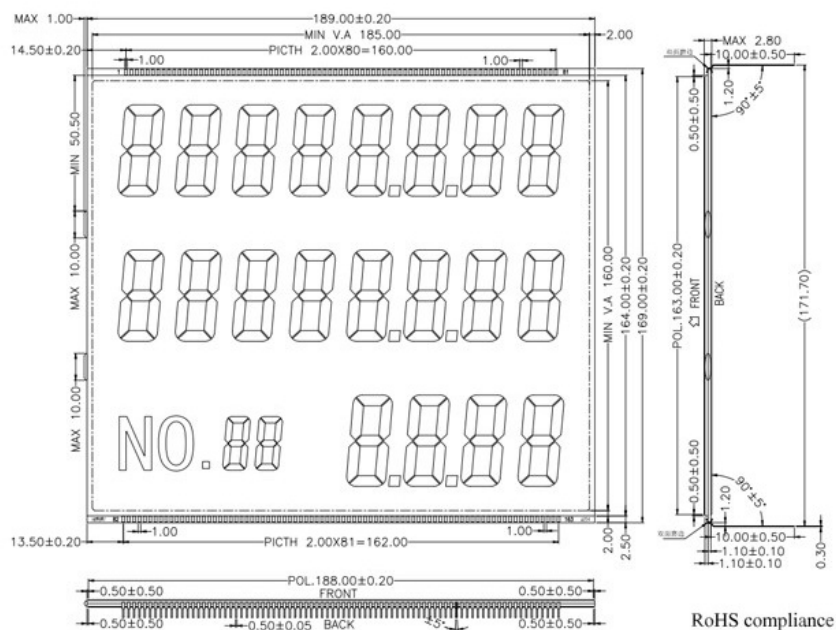
OEM ODM HTN Seven Segment LCD Display With Metal Pin Connector

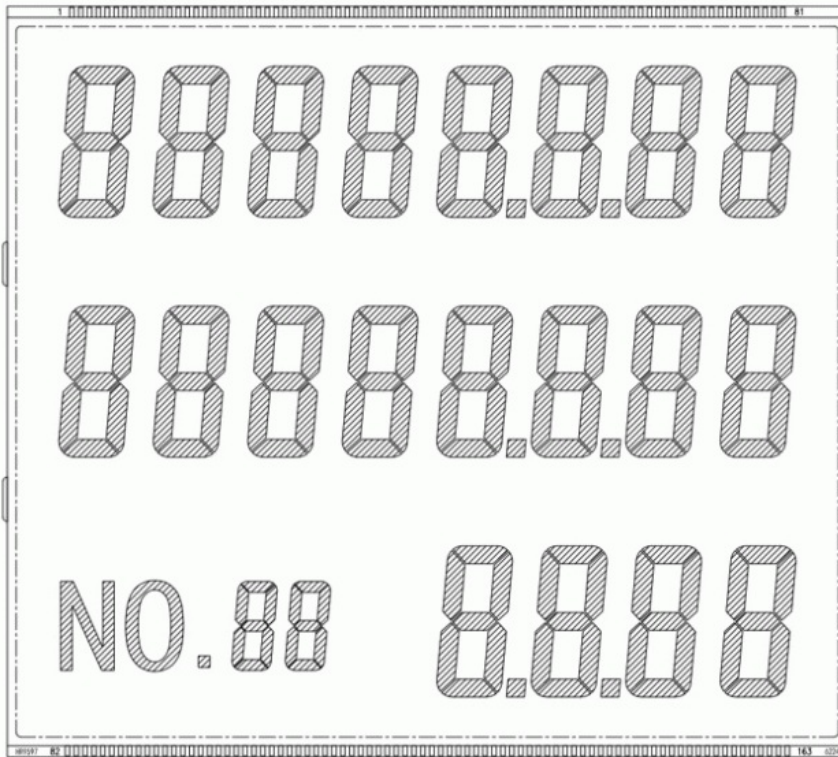
OEM ODM HTN Seven Segment LCD Display With Metal Pin Connector

Specifications

Display Mode:	HTN 7 Segment LCD	Driving Condition:	Static, 1/1 Duty, 4.7V
Outline Dimension:	189x169x2.8 mm	Glass:	HTN, Positive, Transmissive
Optics:	6:00 Viewing Direction	Operating Temp:	-20°C To +80°C
Storage Temp.:	-30°C To +85°C	Surface Printing:	None (Customizable)
Connector:	Metal Pin	Compliance:	REACH & RoHS Compliant

Technical Drawings





Product Overview

OEM/ODM HTN Seven-segment LCD Display (with metal pin connector) is a customized segment code LCD screen, using HTN (High Twisted Nematic) liquid crystal technology. It adopts metal pins as the standard interface and is specifically designed for digital display scenarios. It supports OEM assembly and ODM customized development.

Core Features

Display technology (HTN): High contrast, wide viewing angle (commonly 6-point/12-point directions), full display (black text on a gray background) / semi-transparent option, low power consumption, long lifespan (>50,000 hours)

Seven-segment structure: Each digit is composed of 7 strokes, capable of displaying 0-9 numbers and the decimal point; common bit lengths are 4/6/8/12 bits, and custom symbols (such as battery level, gear position) are supported

Metal pin connector: Tin-plated copper material, anti-oxidation, easy soldering; Standard spacing 1.0/1.5/2.0mm, pin count 8-34 pins can be customized; Reliable connection, vibration resistance, high mechanical strength, can be directly soldered to PCB, suitable for harsh environments

Customization (OEM/ODM): Size, bit length, backlight (LED/EL), pin definition, silk-screen icons can all be developed according to requirements

Electrical and environmental: Working voltage 3-5V, temperature -20 ~70 , suitable for industrial and vehicle scenarios

Main Applications

Industrial instruments: Temperature controllers, pressure gauges, counters, frequency converter panels, display parameters and status

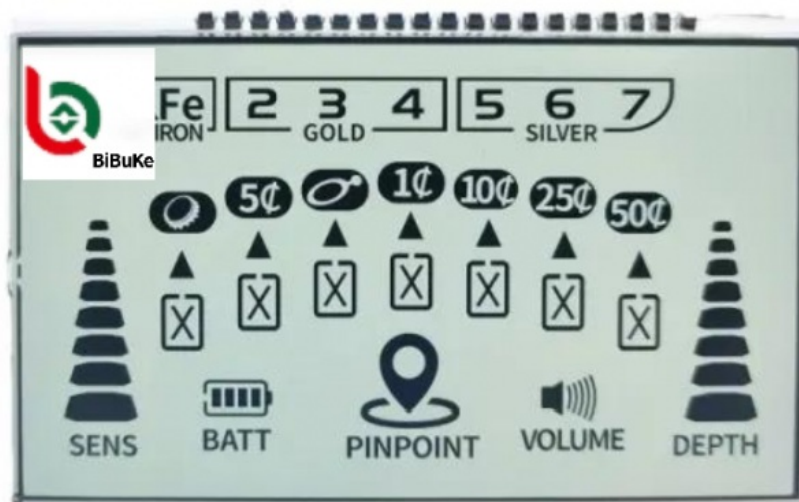
Vehicle / transportation: Electric vehicle / motorcycle dashboards (speed, battery level, mileage), charging station displays

Home appliances and consumer electronics: Electronic scales, blood glucose meters, rice cookers, air conditioner controllers, timers

Medical equipment: Handheld testing instruments, physiotherapy devices, monitors, display values and gears

Internet of Things terminals: Smart sensors, data collectors, low-power digital display scenarios

Summary: This product combines HTN high-contrast display with metal pins for high reliability, and is a cost-effective, long-lasting, and easily-integrated digital display solution for industrial, automotive, and home appliance sectors. It can be flexibly customized by OEM/ODM and can quickly meet the display requirements of various devices.



Frequently Asked Questions

1. 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.

2. 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.

3. 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.

4. 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.

5. 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.

6. Can you send us samples for checking?

Answer: Yes. Samples order is available.

7. 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.

Our Services

1. Free repair within one year after the shipment of products from us.
 2. Replacement within 30 days after the shipment of products from us due to products' problems.
 3. We can print your logo and stick your model No. on the cameras.
 4. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
 5. Professional technician supports. We have a good after-sales service team. They can solve your problems in time.
 6. All goods will be inspected and tested by our engineers and QC/QA before packing and shipment.
 7. Customers satisfactory is most important to us. If you have any problem or questions regarding our transaction. Please contact us by Email or online. It will be responded within 24 hours.
 8. Products pictures only for your reference. Please kindly refer to the specification. We can provide the products basic on the specification. Or you can offer your own specification or drawing, we can customize all kinds of LCD displays for you. Thanks for your kind support always.
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