

UK 7-pin laser diode test socket



Article Overview

A 7-pin laser diode test socket in the UK can be sourced from suppliers like Thorlabs, JC Cherry, Mouser, and Farnell, offering PCB-mounted, strain-relieved, and ESD-protected options compatible with standard laser diode packages.

Overview

A 7-pin laser diode test socket is designed to securely hold a laser diode for testing or integration into optical systems. These sockets often include features such as:

- Gold-plated BeCu contacts for reliable electrical connection and low contact resistance
- ESD protection via Schottky or Zener diodes to prevent damage to sensitive laser diodes
- Strain relief assemblies to protect leads from mechanical stress
- PCB mounting for easy integration with laser diode drivers or test circuits Thorlabs, for example, offers sockets compatible with Ø5.6 mm to Ø9 mm laser diode packages, mounted on small PCBs with built-in voltage protection, suitable for forward voltages up to 7.5 V . JC Cherry provides sockets for TO-style packages, which may include cable-equipped options for flexible testing . Mouser Electronics and Farnell UK stock a variety of laser diode sockets and accessories, allowing selection based on pin count, package type, and mounting style .

Selecting a 7-Pin Socket

When choosing a 7-pin socket, consider:...

Article Content

Apr 15, 2026

Draper 13 and 7-Pin Towbar Socket Tester 27197

This socket tester is designed for use with halogen bulbs in 12 and 24V systems. It efficiently tests 13 and

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5PIN TO56 Laser Diode Test Burn-in Socket LD Socket

Find many great new & used options and get the best deals for 5PIN TO56 Laser Diode Test Burn-in

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7-pin and 13-pin Butterfly Laser Diode Mounts

LDM-4983 laser diode mounts are designed for typical telecommunication 13-pin and 7-pin butterfly laser diode packages and are

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Laser diode reliability test system – short pulse

This laser diode reliability test system has been specially designed for the qualification and test of fiber

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Laser Diode Socket Test Base 3pin for 3.8mm

LD Laser Diode Test Base 3 pin for 3.8mm designed for laser diode testing and projects. Solves soldering and wiring issues for many

Feb 24, 2026

Laser Diode Electrical Connection Socket, PC Mount

The LDS-2 is a PC mount, three pin electrical socket that fits both 5.6mm and 9mm diameter base diodes.

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Laser Diode Tools and Accessories

Thorlabs offers a versatile range of accessories for convenient integration of laser diodes into functional

May 12, 2026

Laser diode connecting socket

Connecting socket for laser diodes. Advantages: Easily removable No solder heat on the laser diode

Sep 13, 2025

13/7 PIN Towbar Trailer Socket Tester

This 13 PIN Towbar Trailer Socket Tester checks for faults in the electrical trailer sockets. Mandatory for

Jul 04, 2026

Laser Diode Socket

Laser Diode Socket is socket developed for the packaging and testing of laser diodes, TOSA, BOSA and

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Search results for: laser diode IC & Component Sockets - Mouser

Pricing (USD) Filter the results in the table by unit price based on your quantity. A tariff of 8% may be applied if shipping to the United

Oct 05, 2025

White Three-pins Laser Diode Test Socket Laser Diode Detector 5.5*13.5mm

2. The pins are made of gold-plated copper tubes, low resistance, not easy to oxidize, long service life. 3. The main material is high

Jun 18, 2026

Laser 7295 Thin Wall Spark Plug Socket Set 3/8"D 3pc

Reach for this new thin-walled spark plug socket set from Laser Tools. This is a three-piece, 3/8" drive set of dedicated

Sep 13, 2025

6 pin laser diode test socket ROSA 6pins LD detection

Quantity: 1pcs Specifications: 6pin Note: 6pin socket has a lot of size specifications, accept customization

Nov 25, 2025

4-Pins Laser Diode Test Socket High Precision Diode Test Stand

2. The pins are made of gold-plated copper tubes, low resistance, not easy to oxidize, long service life. 3. The main material is high

Apr 10, 2026

1pcs 7PIN TO46 Photodiode Test Aging Socket - LaserSE Lasers Life ...

Accommodates most any TO package format with pin circle options of .079 " (2.0 mm) or

Feb 01, 2026

Laser Diode and Photodiode Accessories

Thorlabs offers a versatile range of accessories for convenient integration of

Jun 25, 2026

Laser Diode Socket

Laser diode socket 12 pin laser diode test socket ROSA 12pins LD detection Temperature-sensitive

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7-pin and 13-pin Butterfly Laser Diode Mounts

It is ideal for applications requiring tight temperature stability, different case temperatures, or for testing

Apr 20, 2026

Laser Diode Socket Test Base 3pin for 9.0mm

3 pin socket designed for laser diode testing and projects. Solves soldering and wiring issues for many projects. Laser diode not

Aug 07, 2025

Laser Diode Socket IC & Component Sockets - Mouser

Mouser offers inventory, pricing, & datasheets for Laser Diode Socket IC & Component Sockets.

Apr 14, 2026

Laser Diode Mounts | Arroyo Instruments

The 203/205 Butterfly LaserMounts offer solutions for 14-pin and 7-pin butterfly lasers. With zero-insertion-force (ZIF) sockets and

Nov 16, 2025

Green 3-Pin Laser Diode Test Socket Ld Laser Tube Pin Test Socket

Green 3-Pin Laser Diode Test Socket Ld Laser Tube Pin Test Socket, Find Details and Price about Green 3-Pin Laser Diode Ladeer

Nov 21, 2025

Laser Diode Socket, 3-Pin TO-CAN Laser Socket | Photonstream

A 3-Pin TO-CAN Laser Socket is a specialized socket designed to accommodate and connect 3-pin TO-CAN laser diodes. It

Contact Us

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