Laser module green, 15mW, 520nm, point (dot)

Product codes:

Reference: AM0678
EAN13: -
UPC: 90132000

Product features:

Light color: Green
Wavelength: 520 nm
Voltage: 2,8-5 V DC
Performance: 15 mW
Waterproof grade: IP20
Appearance: Point
Safety class (IEC 60825-1): 2

Product attributes:

Product description:

The laser module with a green wavelength of 520 nm is designed for integration into devices, laboratory kits and DIY projects. It operates in continuous mode and produces a point output. Thanks to its compact dimensions of 12 × 40 mm, it is suitable for integration into smaller structures where a stable laser point is required for aiming, testing or technical experiments.

Technical specifications

- Product type: laser module
- Laser color: green
- Wavelength: 520 nm
- Lighting mode: continuous
- Output mode: point
- Dimensions: 12 × 40 mm
- Supply voltage: DC 2.8 to 5 V
- Laser diode working current: less than 200 mA

- Power control: constant current
- Output power: ±15mW
- Lifespan: more than 10000 hours
- Working temperature: -10 to 60 °C
- Storage temperature: -40 to 85 °C
- Spot size: less than 15 mm at 5 m distance

Functions and features

- Green laser module for creating a point light output.
- Design intended as an electronic component for installation in equipment.
- Continuous operation suitable for measurement, surveying and laboratory use.
- The compact cylindrical design facilitates mechanical integration into holders and fixtures.
- Designed for industrial testing, laboratory applications and technical DIY projects.

Ideal for

- laboratory and experimental sets
- optical and electronic projects
- industrial testing preparations
- aiming and indication applications
- DIY construction with low DC voltage power supply

Package contents

- 1× laser module 520 nm, point

Why choose this product?

- The stated wavelength of 520 nm corresponds to a green laser.
- Power supply in the DC 2.8 to 5 V range allows use in low-voltage electronic systems.
- Continuous mode is suitable for permanent technical use without pulse control.
- The compact dimensions of 12 × 40 mm support easy integration into devices.
- The module is intended directly as an electronic component for technical and laboratory applications.

Installation and operating instructions

- Connect only to DC voltage in the range of 2.8 to 5 V.
- When installing, ensure correct polarity and a stable electrical connection.

- Install the module so that it is mechanically firmly attached and its connections are not stressed.
- During operation, observe the specified current range and operating temperature.
- The product is intended for installation in equipment and technical assemblies.

Safety notice

- Laser radiation can damage your eyesight. Do not point the beam into your eyes or at reflective surfaces.
- The product is not intended for direct observation of the beam with optical instruments.
- Incorrect connection may damage the module or cause overheating.
- Perform installation into the device with the power disconnected.
- The product is an electronic component intended for professional use or integration into technical projects.

Product gallery: