

# Laser diode, 520nm, 10mW, diameter 5.6mm

## Product codes:

Reference: AM9033

EAN13: -

UPC: 90132000

## Product features:

Light color: Red

Wavelength: 520 nm

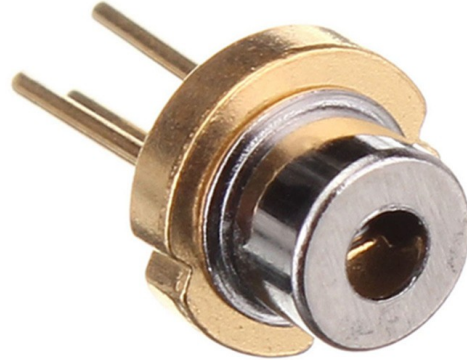
Voltage: 6.0-7.0 V DC

Performance: 10 mW

Housing: TO-18

Waterproof grade: IP20

Lifetime: 5,000 hours



## Product attributes:

## Product description:

Laser diode with a wavelength of 520 nm and a power of 10 mW.

wavelength 650nm

voltage 6.0-7.0V

reverse voltage 2V

current 60-100mA

degree of protection IP20

working temperature -10 - 50 °C

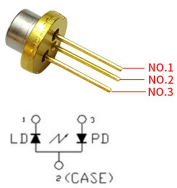
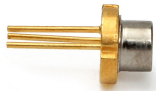
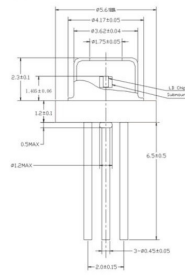
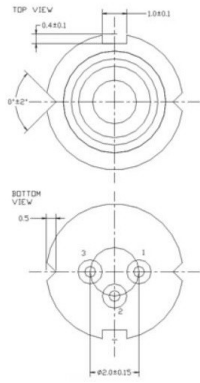
size 5.6x5.6x 10 mm

price for 1 piece

Pin connection: pin no. 2 (case) = ANODE, pin no. 1 = cathode LD, pin no. 3 = anode PD

## Product gallery:

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Green Laser Diode Key Parameters

Item	Symbol	Value	Unit
Output Optical Power	P <sub>OUT</sub>	30	mW
Beam Divergence	α	2	°
Operating Temperature	T <sub>o</sub>	-20~60	°C
Storage Temperature	T <sub>s</sub>	-20~100	°C

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Output Optical Power	P <sub>o</sub>	-	30	60	mW	-
Threshold Current	I <sub>th</sub>	-	30	60	mA	-
Operating Current	I <sub>op</sub>	-	60	100	mA	Peak-to-peak
Operating Voltage	V <sub>op</sub>	-	6.0	7.0	V	Peak-to-peak
Peak Wavelength	λ <sub>p</sub>	650	650	650	nm	Peak-to-peak