

## Dot laser, green, 532 nm, 10 mW

DB532-10-5(20x80)-POTI  
Order Number: 70122091

| Main Parameters (*)   | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength            | 528 | 532 | 537 | nm   |
| Optical Output Power  | 0   | 10  | 10  | mW   |
| Operating Voltage     | 4.5 | 5   | 5.5 | V DC |
| Operating Current     | 150 | 375 | 450 | mA   |
| Operating Temperature | 15  |     | 30  | °C   |
| Storage Temperature   | -40 |     | 80  | °C   |

### Main Data

|          |         |
|----------|---------|
| Warranty | 1 years |
|----------|---------|

### Technical Parameters

|          |           |
|----------|-----------|
| Lifetime | > 5,000 h |
| RoHS     | yes       |

### Optical Parameters

|                    |                        |
|--------------------|------------------------|
| Beam Shape         | Dot                    |
| Laser Class        | 3B                     |
| Divergence         | B - 0.3 mrad           |
| Size of Laserdot   | <10mm@100m             |
| Operating Distance | 100 m                  |
| Optics             | glass lens AR coated   |
| Beam Mode          | TEM00                  |
| Laser technology   | Solid State (YVO4+KTP) |
| Focus              | collimated             |
| Warm up time       | < 15 min               |

### Electrical Parameters

|                      |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Potential of Housing | isolated                                                                                                   |
| Power Supply         | Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max. |

### Mechanical Parameters

|                   |           |
|-------------------|-----------|
| Size              | Ø20x80 mm |
| Material          | aluminium |
| Cable length      | 100 mm    |
| Output Aperture   | 8 mm      |
| Housing Color     | black     |
| Weight            | 67 g      |
| Stripping of wire | 5 mm      |

(\*) Over the complete operating temperature range

## Features



- Operating Voltage 5V DC
- Adjustable output power
- Laser Class 2
- Compact size
- Modulated

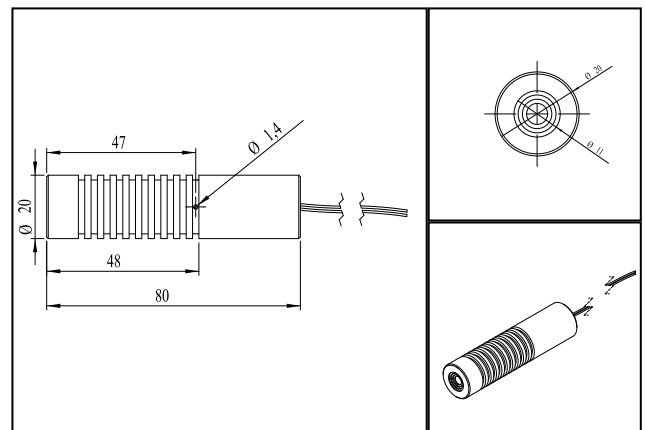
## Picture



## Cable color

|          |                                                                                    |       |                       |
|----------|------------------------------------------------------------------------------------|-------|-----------------------|
| Ground   |  | black | GND                   |
| Positive |  | red   | 4.5 - 5.5, typ 5 V DC |

## Drawing



## Safety Label



## Valid Revision

| 17-DEC-2018