

## Line laser, green, 532 nm, 90°, 10 mW

LD532-10-5(20x80)-C1000  
Order Number: 70115888

| Main Parameters (*)   | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength            |     | 532 |     | nm   |
| Optical Output Power  |     | 10  |     | mW   |
| Operating Voltage     |     | 5   |     | V DC |
| Operating Current     | 150 | 300 | 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         | Line                 |
| Laser Class        | 1M                   |
| Divergence         | D - 0.5 mrad         |
| Fan Angle          | 90°                  |
| Line Thickness     | <1.5mm@3m            |
| Operating Distance | 5m                   |
| Optics             | glass lens AR coated |
| Beam Mode          | TEM00                |
| Laser technology   | YVO4+KTP             |
| Stability          | +/- 20% @ 15-30°C    |
| Focus              | fixed (3000mm)       |
| 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    | 1,000 mm            |
| Wire type       | 22AWG, black, 3,6mm |
| Output Aperture | 5 mm                |
| Weight          | 57 g                |

(\*) Over the complete operating temperature range

## Features



- Operating Voltage 5V DC
- Laser Class 1M
- Uniform line thickness
- Fixed focus
- Image processing

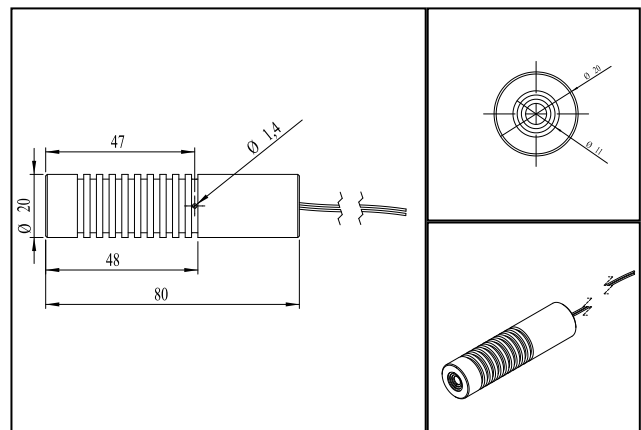
## Picture



## Cable color

|          |                                                                                    |       |        |
|----------|------------------------------------------------------------------------------------|-------|--------|
| Ground   |  | black | GND    |
| Positive |  | red   | 5 V DC |

## Drawing



## Safety Label



## Valid Revision

6 | 22-JUL-2020