

Line laser, red, 670 nm, 60°, 2 mW

LH670-2-3(12x32)60
Order Number: 70131505

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 670 | | nm |
| Optical Output Power | | 2 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 20 | 40 | 60 | mA |
| Operating Temperature | -20 | | 50 | °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 1
Divergence H - 1.0 mrad
Fan Angle 60°
Line Thickness <1mm@1m
Operating Distance 1 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (1000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size Ø12x32 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5.5 mm
Housing Color black
Weight 13 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 1
- Uniform line thickness
- Fan angle 60°
- Glas lenses anti reflex coated

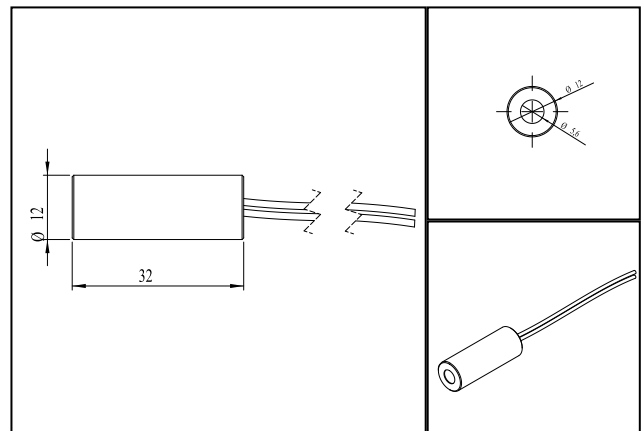
Picture



Cable color

| | | | |
|----------|--|-------|-----------------------|
| Ground |  | black | GND |
| Positive |  | red | 2.7 - 3.3, typ 3 V DC |

Drawing



Safety Label



Valid Revision

| 30-MAR-2022