

Line laser, red, 635 nm, 90 °, 1 mW

LD635-1-24(14X50)-C200
Order Number: 70114959

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|------|-----|------|------|
| Wavelength | | 635 | | nm |
| Optical Output Power | | 1 | | mW |
| Operating Voltage | 21.6 | 24 | 26.4 | V DC |
| Operating Current | 1 | 7 | 25 | 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 D - 0.5 mrad
Fan Angle 90 °
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
Stripping of cable cover 50 mm

Mechanical Parameters

Size Ø14x50 mm
Material aluminium
Cable length 200 mm
Wire type 18AWG, black, 3,6mm
Output Aperture 5.5 mm
Housing Color black
Weight 17 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 90 °
- Compact size
- Uniform line thickness

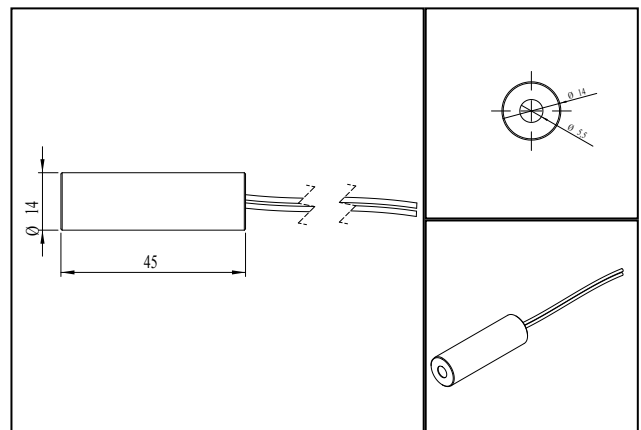
Picture



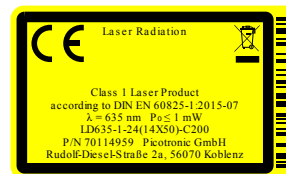
Cable color

| | | | |
|----------|--|-------|-----------------------------|
| Ground |  | black | GND |
| Positive |  | white | 21.6 - 26.4, typ 24 V DC |

Drawing



Safety Label



Valid Revision

1 | 13-MAR-2023