

Doe laser, red, 635 nm, 1 mW

DOE256-635-1-6(10x22)
Order Number: 70111873

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 635 | | nm |
| Optical Diode Power | | 1 | | mW |
| Operating Voltage | 3 | 5 | 6 | V DC |
| Operating Current | 20 | 30 | 45 | mA |
| Operating Temperature | -20 | | 50 | °C |
| Storage Temperature | -40 | | 80 | °C |

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 3,000 h
RoHS yes

Optical Parameters

Beam Shape DOE
Laser Class 1
Divergence H - 1.0 mrad
Optics acryl lense
Laser technology diode
Protection Lens yes
Focus fixed

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size Ø10x22 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Weight 8.5 g

DOE

Alpha 22.6 °
Beta 22.6 °
Gamma 31.5 °
Delta 0.45 °
a 40 mm
b 40 mm
c 56.4 mm
d 0.8 mm
Diameter (without holder) 8 mm
Width (without Holder) 1.2 mm
Material PC

(*) Over the complete operating temperature range

Features



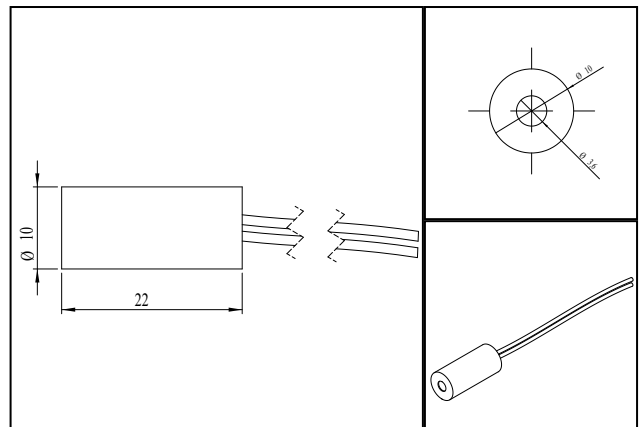
Picture



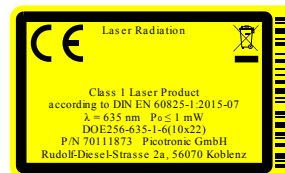
Cable color

Ground  black GND
positive  red 3 - 6, typ 5 V DC

Drawing



Safety Label



Valid Revision

1 | 04-JUL-2017