

DOE laser, red, 635 nm, 1 mW

DOE240-635-1-6(10x22)
Order Number: 70111712

| 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 >3,000h
RoHS yes

Optical Parameters

Beam Shape DOE
Laser Class 1M
Divergence H - 1.0 mrad
Optics acryl lens
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 11°
Beta 2.1°
a 19 mm
b 3.6 mm
Diameter (without holder) 8 mm

Width (without Holder) 1.2 mm

Material PC

(*) Over the complete operating temperature range

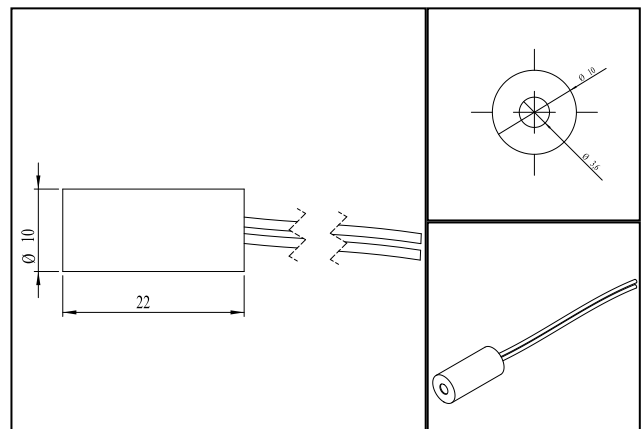
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

1 | 02-DEC-2020