

Dot laser, red, 635 nm, 2.2 mW

DC635-2.2-3(12x34)
Order Number: 70100723

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 635 | | nm |
| Optical Output Power | | 2.2 | | 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 Dot
Laser Class 3R
Divergence C - 0.4 mrad
Size of Laserdot adjustable
Operating Distance 20 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

Size Ø12x34 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5 mm
Weight 18 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Compact size
- Adjustable focus
- Low power consumption
- Operating Voltage 3 V DC

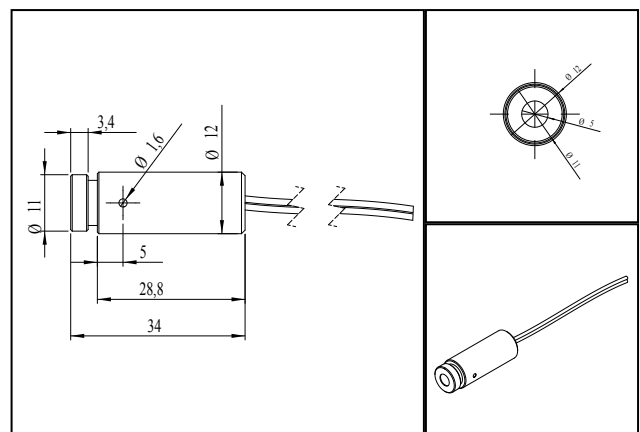
Picture



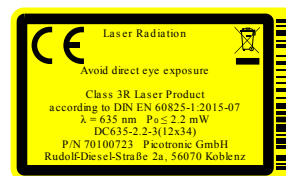
Cable color

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

Drawing



Safety Label



Valid Revision

4 | 09-JUN-2021