

DOE laser, red, 635 nm, 5 mW

DOE213-635-5-3(16x90)-NT
Order Number: 70111286

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 635 | | nm |
| Optical Output Power | | 5 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 30 | 60 | 90 | 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 DOE
Laser Class 2M
Optics glass lens AR coated
Laser technology diode
Protection Lens yes
Focus fixed

Electrical Parameters

Potential of Housing VDD(+)
Connector 2.5 mm DC plug (GND pole inner)
Power Supply Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

Mechanical Parameters

Size Ø16x90 mm
Material aluminium
Cable length 1,360 mm
Output Aperture 6 mm
Housing Color cyan
Weight 43 g

DOE

| | |
|---------------------------|---------|
| Alpha | 41.8° |
| Beta | 30.3° |
| Gamma | 3° |
| Delta | 30.3° |
| a | 76.3 mm |
| b | 54.1 mm |
| c | 5.4 mm |
| d | 54.1 mm |
| Diameter (without holder) | 8 mm |
| Width (without Holder) | 1.2 mm |
| Material | PC |

(*) Over the complete operating temperature range

Features



- DOE Laser
- Image processing
- With 230V power supply
- Glas lenses anti reflex coated
- Fixed focus

Picture



Safety Label



Valid Revision

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