

Doe laser, red, 635 nm, 5 mW

DOE259-635-5-5(10x24)-ADJ
Order Number: 70133196

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 635 | | nm |
| Optical Diode Power | | 5 | | mW |
| Operating Voltage | 3 | 5 | 5 | V DC |
| Operating Current | 15 | 30 | 70 | 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 | Single Mode Diode |
| Protection Lens | yes |
| Focus | adjustable |

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

| | |
|-------------------|----------------------------|
| Size | Ø10x24 mm |
| Material | Brass |
| Cable length | 100 mm |
| Wire type | 26AWG, 0,14mm ² |
| Output Aperture | 6 mm |
| Housing Color | brass |
| Weight | 8.5 g |
| Stripping of wire | 5 mm |

DOE

| | |
|---------------------------|---------|
| Alpha | 28.2° |
| Beta | 2.82° |
| a | 5 mm |
| b | 50.5 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 - 5, typ 5 V DC |

Safety Label



Valid Revision

| 09-NOV-2020