

DOE laser, red, 635 nm, 5 mW

DOE283-635-5-5(10x24)-ADJ
Order Number: 70133967

| 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 2M
Divergence H - 1.0 mrad
Optics acryl lens
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, 0,14mm²
Output Aperture 6 mm
Housing Color brass
Weight 8.5 g
Stripping of wire 5 mm

DOE

Alpha 8.3°

| | |
|---------------------------|---------|
| Beta | 8.3° |
| Gamma | 11.8° |
| Delta | 0.36° |
| a | 14.6 mm |
| b | 14.6 mm |
| c | 20.6 mm |
| d | 0.6 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

| 02-SEP-2020