

Doe laser, red, 635 nm, 5 mW

DOE249-635-5-5(10x24)-ADJ
Order Number: 70134117

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 1M
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 45°
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

| 23-JAN-2024