

Doe laser, red, 650 nm, 1 mW

DOE261-650-1-12(10x22)
Order Number: 70135466

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		1		mW
Operating Voltage	3	6	12	V DC
Operating Current	20	30	45	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 lense
Laser technology diode
Protection Lens yes
Focus fixed

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size Ø10x22 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Weight 8.5 g

DOE

Alpha 6.2 °
Beta 5.4 °
Gamma 0.62 °
a 10.9 mm
b 8.7 mm
c 1.1 mm
Diameter (without holder) 8 mm
Width (without Holder) 1.2 mm
Material PC

(*) Over the complete operating temperature range



Features



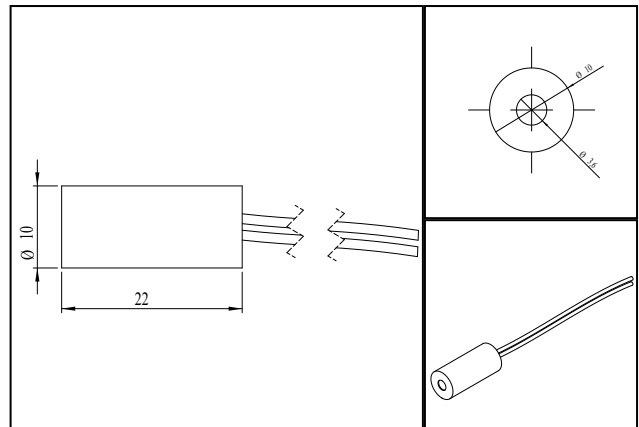
Picture



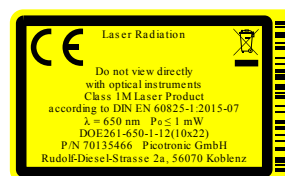
Cable color

Ground		black	GND
positive		red	3 - 12, typ 6 V DC

Drawing



Safety Label



Valid Revision

| 27-AUG-2019