

Doe laser, red, 650 nm, 1 mW

DOE214-650-1-12(10x22)
Order Number: 70128376

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		1		mW
Operating Voltage	3	5	12	V DC
Operating Current	25	45	65	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 2
Divergence H - 1.0 mrad
Optics acryl lense
Laser technology Single Mode 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
Housing Color black
Weight 8.5 g
Stripping of wire 5 mm

DOE

Alpha 34 °
a 60 mm
Diameter (without holder) 8 mm
Width (without Holder) 1 mm
Material PMMA

(*) Over the complete operating temperature range



Features



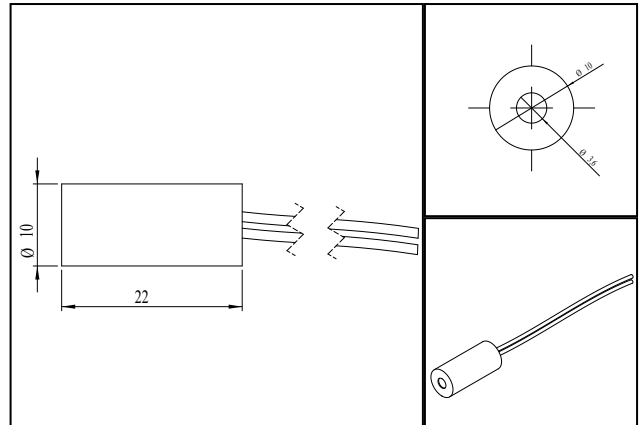
Picture



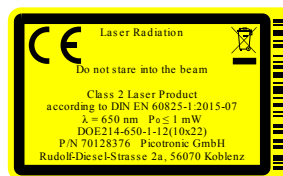
Cable color

Ground		black	GND
positive		red	3 - 12, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 15-JAN-2021