

Doe laser, red, 635 nm, 5 mW

DOE205-635-5-6(10x22)-F7000
Order Number: 70110753

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	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 G - 0.8 mrad
Operating Distance 7 m
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 5°
a 8.5 mm
Material PMMA

(*) Over the complete operating temperature range

Features



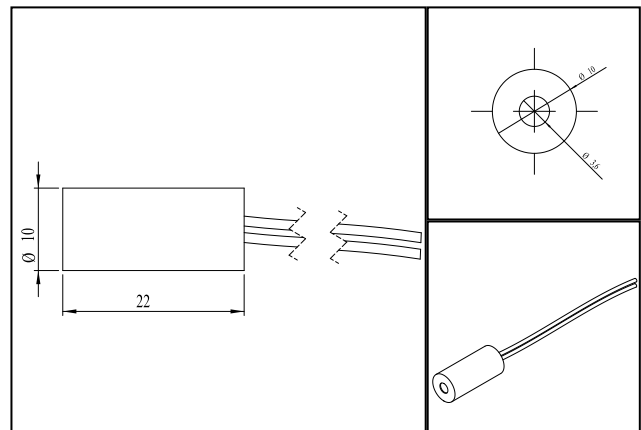
Picture



Cable color

Ground		black	GND
Positive		red	3 - 6, typ 5 V DC

Drawing



Safety Label



Valid Revision

15 | 08-JAN-2018