

Line laser, red, 635 nm, 60 °, 5 mW

LFL635-5-6(9x20)60
Order Number: 70108477

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power	2	5	5	mW
Operating Voltage	3		6	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 3,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 1
Divergence H - 1.0 mrad
Fan Angle 60 °
Line Thickness <1.2mm@1m
Operating Distance 2 m
Optics acryl lense
Laser technology diode
Focus fixed (1000mm)

Electrical Parameters

Potential of Housing VDD(+)
Power Supply LFNT-3

Mechanical Parameters

Size Ø9x20 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Weight 6 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features

- Operating Voltage 3-6V DC
- Laser Class 1
- Compact size
- Uniform line thickness
- Low cost

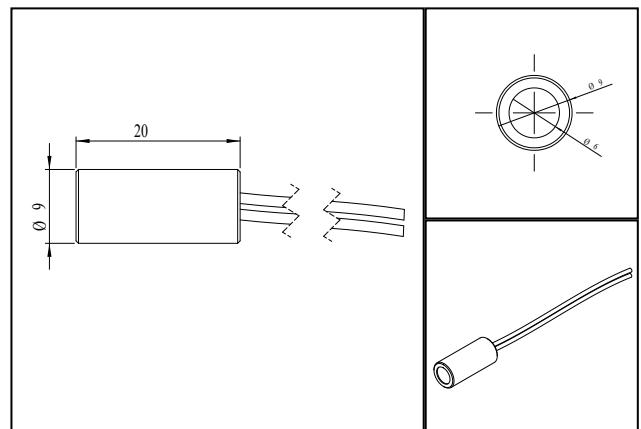
Picture



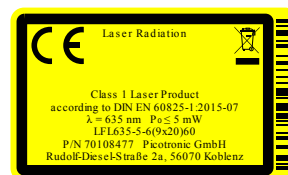
Cable color

Ground  black GND
Positive  red 3 - 6 V DC

Drawing



Safety Label



Valid Revision

6 | 02-SEP-2022

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