

Line laser, red, 650 nm, 90 °, 3 mW

LG650-3-5(10x21)-F500
Order Number: 70103335

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	25	40	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	G - 0.8 mrad
Fan Angle	90 °
Line Thickness	<0.5mm@0.5m
Operating Distance	0.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (500mm)

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-5

Mechanical Parameters

Size	Ø10x21 mm
Material	Brass
Cable length	100 mm
Output Aperture	5 mm
Housing Color	black
Weight	7 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 1
- Fixed focus
- Uniform line thickness
- Glas lenses anti reflex coated

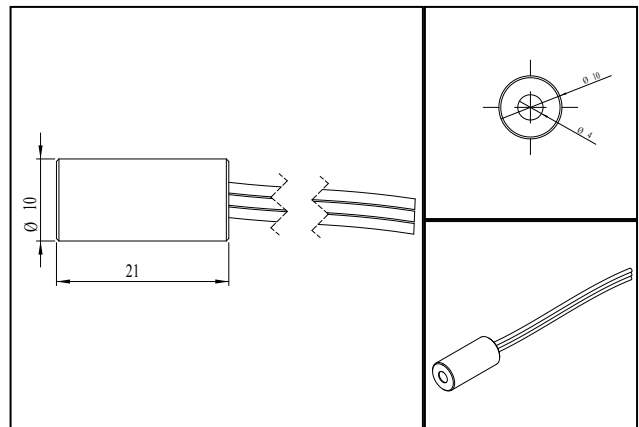
Picture



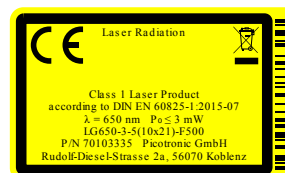
Cable color

Ground		blue	GND
positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

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