

Line laser, red, 650 nm, 90 °, 2.5 mW

LE650-2.5-5(12x32)
Order Number: 70107241

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	23	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 E - 0.6 mrad
Fan Angle 90 °
Line Thickness <1.5mm@2m
Operating Distance 2 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (2000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-5

Mechanical Parameters

Size Ø12x32 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 5.5 mm
Housing Color black
Weight 17 g
Stripping of wire 5 mm

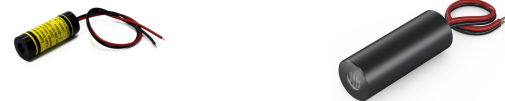
(*) Over the complete operating temperature range

Features



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

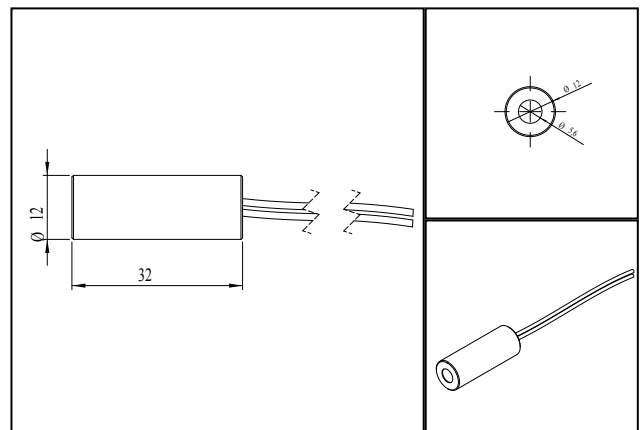
Picture



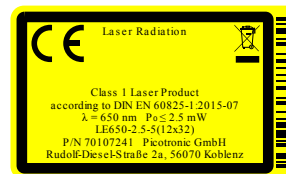
Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

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