Line laser, red, 635 nm, 90 °, 2.5 mW

LB635-2.5-3(16x45)
Order Number: 70103090

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	45	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	B - 0.3 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@2
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed

Electrical Parameters	
Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters	
Size	Ø16x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	6.8 mm
Housing Color	black
Weight	22.7 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

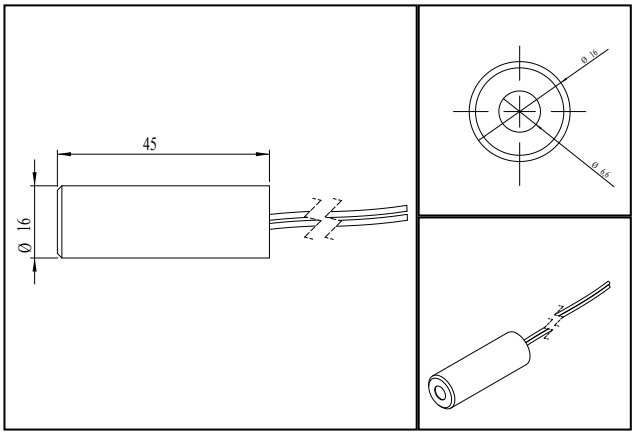
- Fan angle 90 °
- Laser Class 1
- Operating Voltage 3 V DC
- Fixed focus
- Glas lenses anti reflex coated

Picture

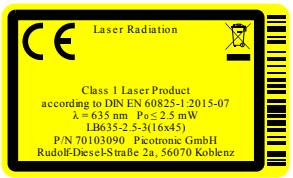
Cable color

Ground	black	GND
Positive	red	2.7 - 3.3, typ 3 V DC

Drawing



Saftey Label



Valid Revision

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