Line laser, red, 635 nm, 90 °, 7 mW

LH635-7-3(12x32)-F1500
Order Number: 70109740

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		7		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	65	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	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@1.5m
Operating Distance	1.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1500mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

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	15.6 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

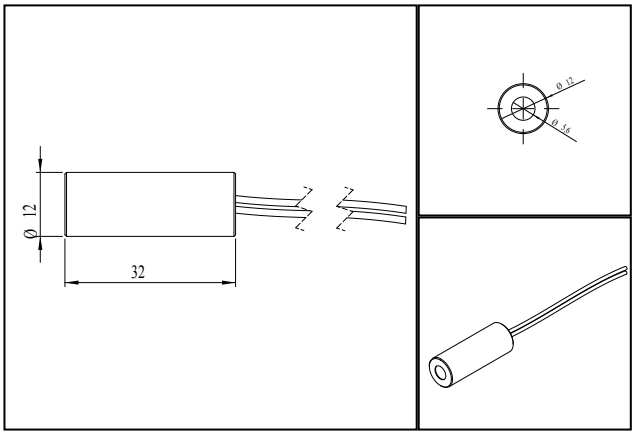
- Operating Voltage 3 V DC
- Laser Class 1
- Compact size
- Isolated housing
- Fixed focus

Picture

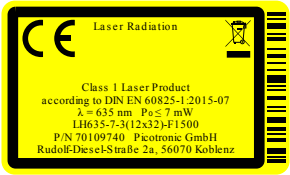
Cable color

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

Drawing



Saftey Label



Valid Revision

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