Line laser, red, 670 nm, 60 °, 2 mW

LH670-2-3(12x32)60
Order Number: 70131505

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		2		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	60	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	60 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5.5 mm
Housing Color	black
Weight	13 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

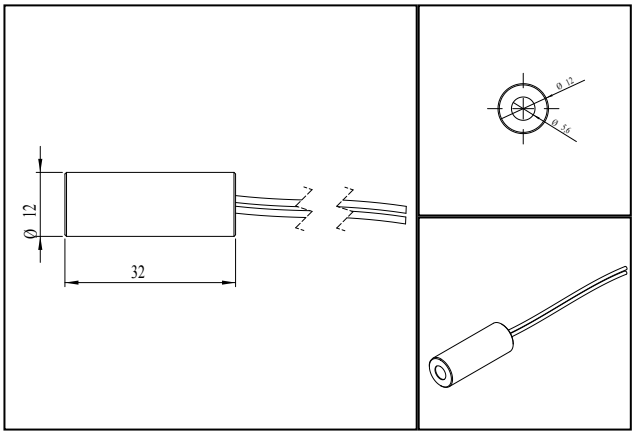
- Operating Voltage 3 V DC
- Laser Class 1
- Uniform line thickness
- Fan angle 60 °
- Glas lenses anti reflex coated

Picture

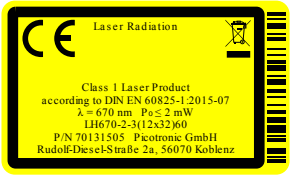
Cable color

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

Drawing



Saftey Label



Valid Revision

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Pico Group® member

Picotronic GmbH
Rudolf-Diesel-Str. 2a
56070 Koblenz
Germany

Geschäftsführer
David Heckner

FON +49(0)261-983 497-0
FAX +49(0)261-983 497-10
www.picotronic.de
info@picotronic.de

Sparkasse Koblenz
BIC/IBAN MALADE51KOB
DE41 5705 0120 0000 2110 03

Postbank Stuttgart
BIC/IBAN PBNKDEFF
DE41 6001 0070 0077 0787 04

USt-IdNr. DE814473445
Amtsgericht Koblenz HRB 20026
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