Line laser, green, 532 nm, 90 °, 10 mW

LD532-10-3(20x80)-F750
Order Number: 70113129

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature	15		30	°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	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	<0.5mm@0.75m
Operating Distance	0.75 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	fixed (750mm)
Warm up time	< 15 min

Electrical Parameters	
Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters	
Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5 mm
Housing Color	black
Weight	59 g

(*) Over the complete operating temperature range

Features

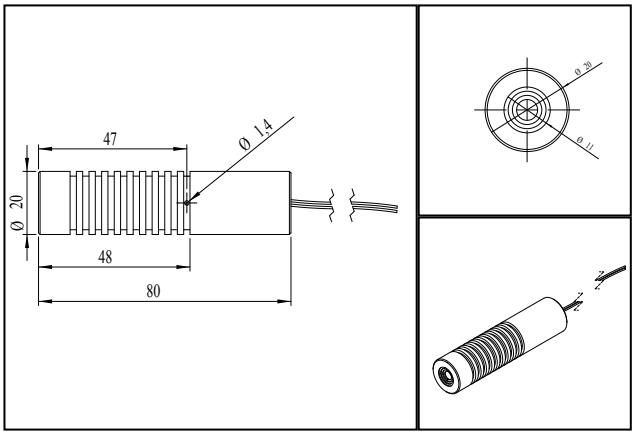
- Compact size
- Fixed focus
- Operating Voltage 3 V DC
- Image processing
- Laser Class 1

Picture

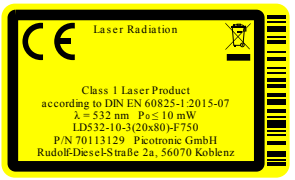
Cable color

Ground		blue	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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