Line laser, red, 650 nm, 110 °, 16 mW

LH650-16-5(14x45)-70115369
Order Number: 70115369

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	40	57	80	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	2
Divergence	H - 1.0 mrad
Fan Angle	110 °
Line Thickness	<1.5mm@1.8m
Operating Distance	1.8 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1800mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	750 mm
Wire type	24AWG, black, 3mm
Output Aperture	5.5 mm
Housing Color	black
Weight	26 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

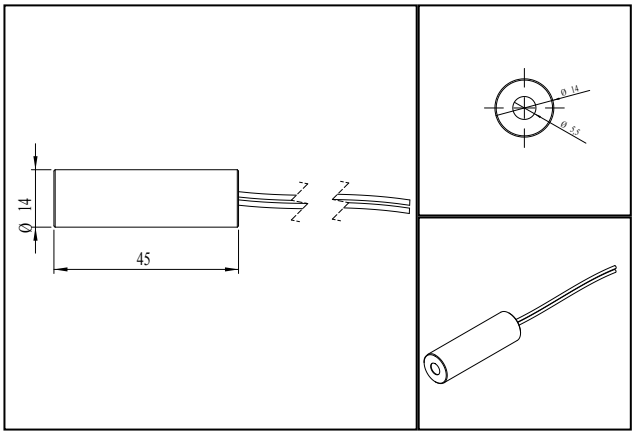
- High Power
- Compact size
- Laser Class 2
- Operating Voltage 5 V DC
- Fixed focus

Picture

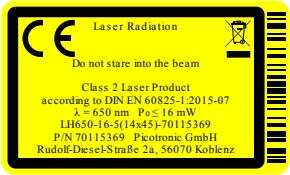
Cable color

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

Drawing



Saftey Label



Valid Revision

1 | 21-MAR-2013

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