

Line laser, red, 650 nm, 90°, 24 mW

LH650-24-3(14x45)-F275
Order Number: 70117196

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	70	90	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<0.4mm@0.275m
Operating Distance	0.275 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (275mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	18.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Glas lenses anti reflex coated
- Image processing
- Laser Class 2M
- High Power

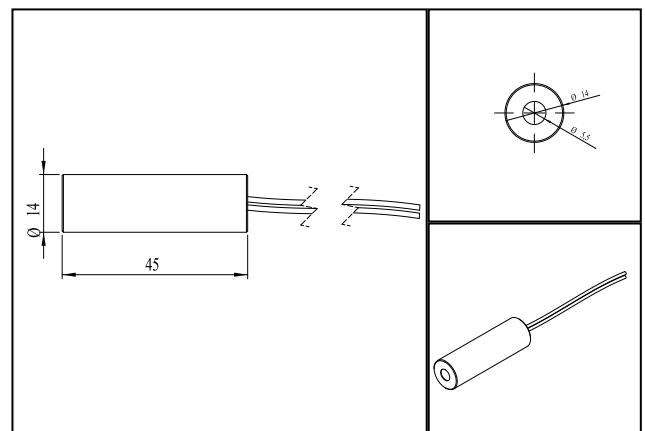
Picture



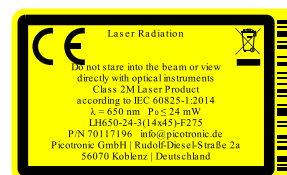
Cable color

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

Drawing



Safety Label



Valid Revision

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