

Line laser, red, 635 nm, 90°, 0.9 mW

LC635-0.9-3-F(14x45)
Order Number: 70104622

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.9		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	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 C - 0.4 mrad

Fan Angle 90°

Line Thickness adjustable

Operating Distance 1 m

Optics glass lens AR coated

Laser technology Single Mode Diode

Focus adjustable

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, 0,14mm²

Output Aperture 6 mm

Housing Color black

Weight 15 g

Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Fan angle 90°
- Adjustable focus
- For medical devices
- Operating Voltage 3V DC
- Laser Class 1

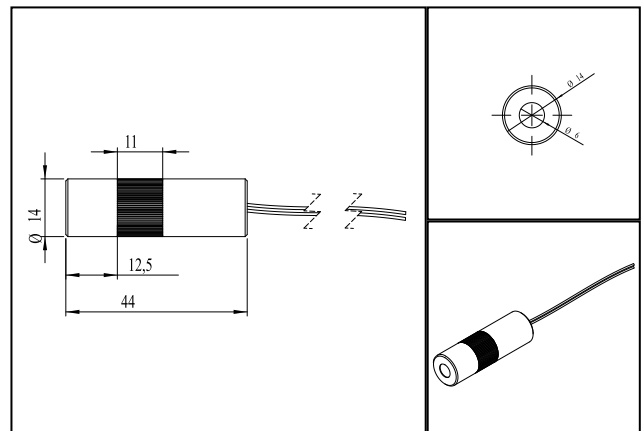
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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