

Line laser, red, 635 nm, 90°, 25 mW

LE635-25-3(14x45)
Order Number: 70117073

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		25		mW
Operating Voltage		3		V DC
Operating Current	50	90	130	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 2M
Divergence E - 0.6 mrad
Fan Angle 90°
Line Thickness <2.5mm@5m
Operating Distance 7 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (5.0m)

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 Belden, Typ 1007, 26AWG
Output Aperture 5.5 mm
Housing Color black
Weight 18 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features





- Laser Class 2M
- Low power consumption
- Uniform line thickness
- Image processing

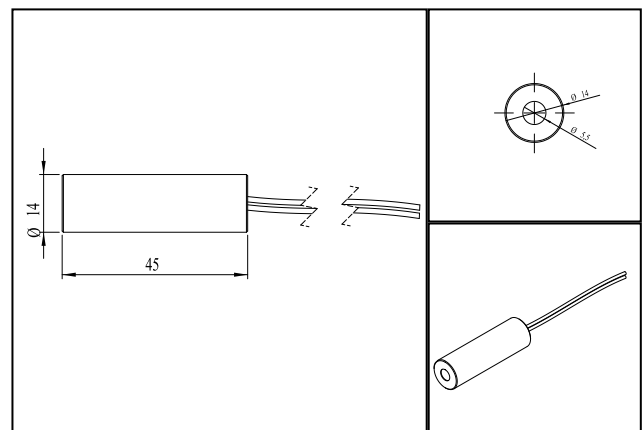
Picture



Cable color

Ground  black GND
Positive  red 3 V DC

Drawing



Safety Label



Valid Revision

23 | 17-DEC-2018