

Line laser, red, 635 nm, 90°, 3 mW

LC635-3-4.5(12x32)
Order Number: 70102758

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	4.05	4.5	4.95	V DC
Operating Current	15	28	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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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	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isoliert
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Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	19g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 4.5 V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus
- Glas lenses anti reflex coated

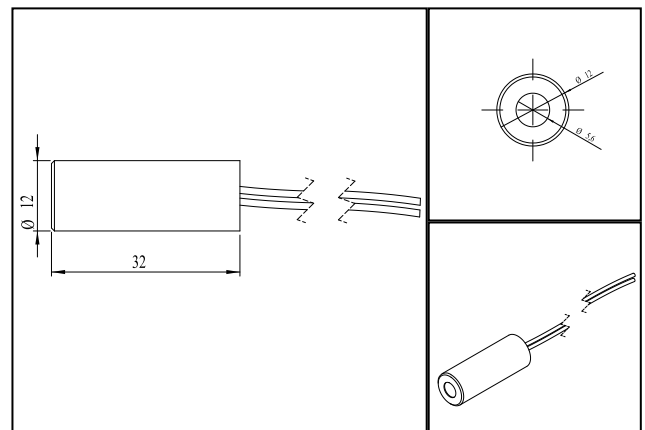
Picture



Cable color

Ground		green	GND
Positive		red	4.05 - 4.95, typ 4.5 V DC

Drawing



Safety Label



Valid Revision

6 | 29-JUN-2022