

Line laser, red, 635 nm, 90°, 2.5 mW

LH635-2.5-3(12x32)
Order Number: 70101690

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	45	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 H - 1.0 mrad
Fan Angle 90°
Line Thickness < 1.5 mm @ 1.5 m
Operating Distance 1.5 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (1500 mm)

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size Ø12x32 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 4.5 mm
Housing Color black
Weight 7 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 1
- Fan angle 90°
- Fixed focus
- Compact size

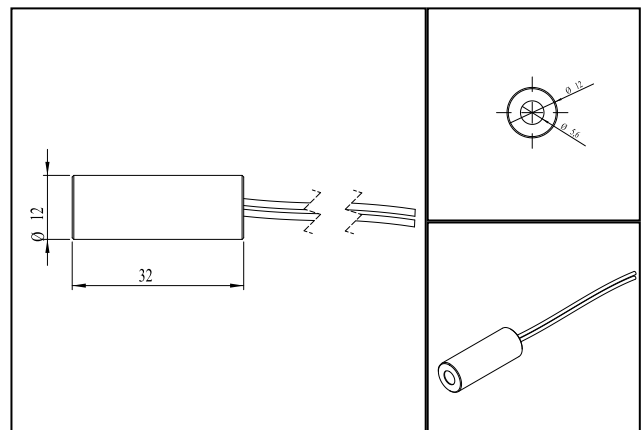
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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