

Line laser, red, 650 nm, 90°, 2.2 mW

LD650-2.2-3(12x32)
Order Number: 70100990

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.2		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	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	D - 0.5 mrad
Fan Angle	90°
Line Thickness	<2mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)

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	Ø12x32 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	17.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 1
- Operating Voltage 3V DC
- Compact size
- Low power consumption
- Fixed focus

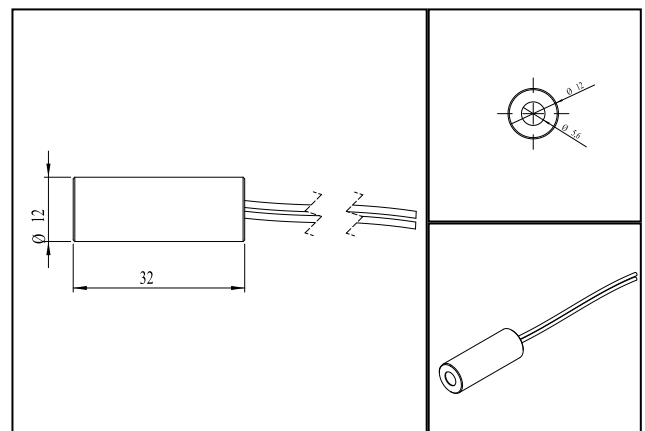
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

3 | 19-MAR-2021