



Line laser, red, 650 nm, 4°, 5 mW

LFL650-5-3(9x25)4DEG
Order Number: 70110029

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	15	25	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	4°
Line Thickness	<2mm@2m
Operating Distance	3 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing	VDD(+)
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	Ø9x25 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	4.5g

(*) Over the complete operating temperature range

Features

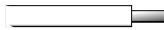


- Operating Voltage 3V DC
- Small laser head
- Protection lens
- Low cost
- Laser Class 3R

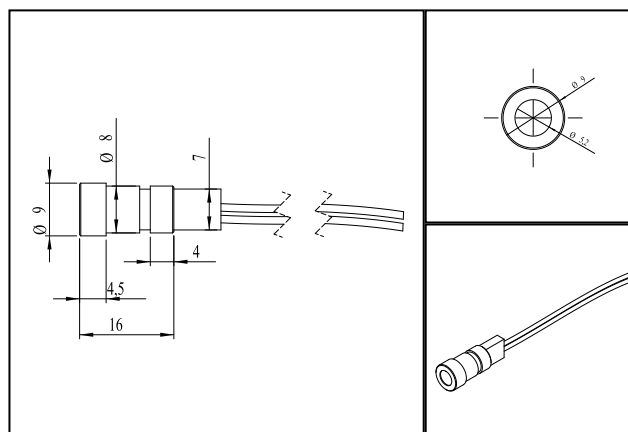
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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