

Dot laser, red, 635 nm, 3 mW

DEI635-3-5(10x25)-C150-70115239
Order Number: 70115239

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	25	50	75	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	Dot
Laser Class	3R
Divergence	E - 0.6 mrad
Beam Diameter	3.5 mm
Size of Laserdot	1mm@0.4m
Operating Distance	0.4 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 1.4 °
Focus	fixed (400mm)

Electrical Parameters

Potential of Housing	isolated
Connector	GD2.5 2pol

Mechanical Parameters

Size	Ø10x25 mm
Material	Brass
Cable length	150 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5 mm
Weight	12 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Low power consumption
- Low cost
- Compact size
- Fixed focus

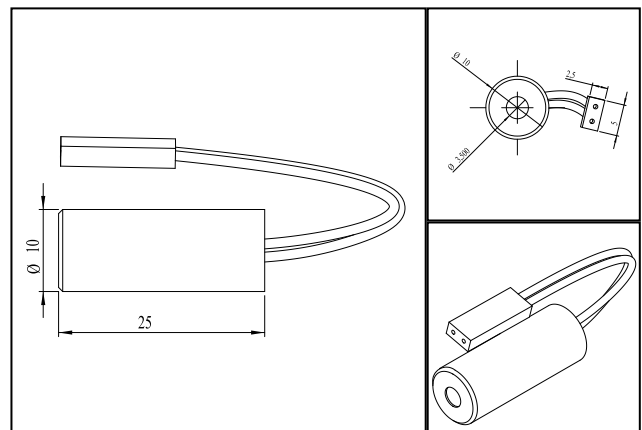
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

1 | 15-NOV-2016