



Dot laser, red, 650 nm, 5 mW

LFD650-5-3(12x32)
Order Number: 70104561

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	15	25	40	mA
Operating Temperature	-20		40	°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	G - 0.8 mrad
Beam Diameter	12 mm
Size of Laserdot	<4..6mm@5m
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	collimated

Mechanical Parameters

Size	Ø12x32 mm
Material	Brass
Cable length	0 mm
Output Aperture	2.5 mm
Weight	7 g

(*) Over the complete operating temperature range

Features

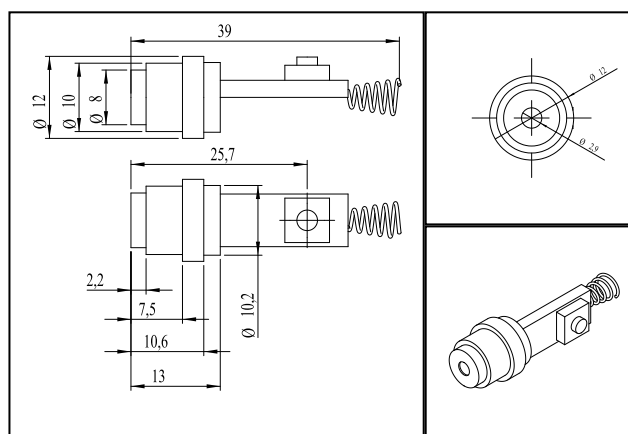


- Operating Voltage 3V DC
- Laser Class 3R
- Fixed focus
- Low cost
- Small laser head

Picture



Drawing



Safety Label



Valid Revision

15 | 12-MAY-2022