



Dot laser, red, 635 nm, 1 mW

LFD635-1-3(12x30.5)-C400
Order Number: 70131031

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current		30		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	Dot
Laser Class	2
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø12x30.5 mm
Material	Brass
Cable length	400 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	4 mm
Weight	18.6 g

(*) Over the complete operating temperature range

Features



- Laser Class 2
- Operating Voltage 3V DC
- Adjustable focus
- Compact size
- Low cost

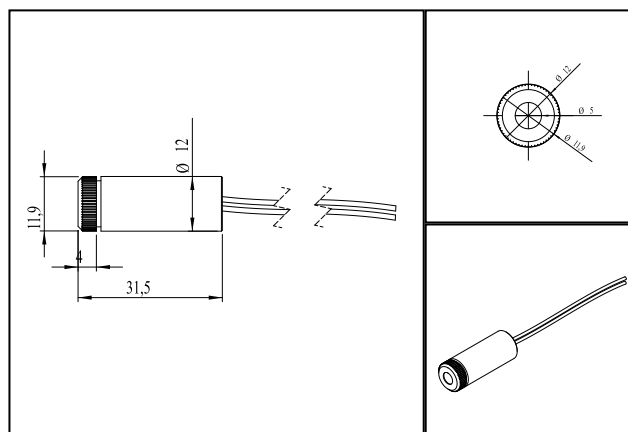
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 09-MAY-2022