

Doe laser, red, 635 nm, 10 mW

DOE258-635-10-3(12X38)-ADJ
Order Number: 70191356

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	60	90	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	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

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	Ø12x38 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	9.5 g

DOE

Alpha	39°
Beta	28°
Gamma	2.8°

Delta	28°
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

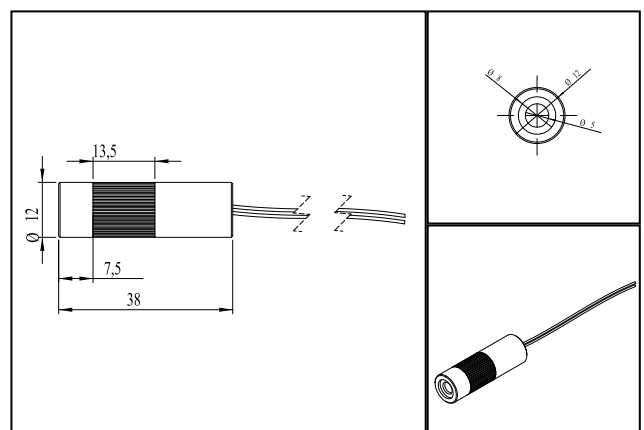
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 07-JAN-2026