

Doe laser, red, 635 nm, 38.5°, 5 mW

DOE354-DD635-5-5(16X62)
Order Number: 70190038

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Output Power		5		mW
Operating Voltage	4.7	5	5.3	V DC
Operating Current	70	100	150	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	38.5°
Operating Distance	5 m
Optics	acryl lense
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.
Stripping of cable cover	25 mm

Mechanical Parameters

Size	Ø16x62 mm
Material	aluminium
Cable length	300 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	30 g
Stripping of wire	5 mm

DOE

Alpha	38.5°
Diameter (without holder)	8 mm

Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features



- Adjustable focus
- DOE optics interchangeable
- Compact design
- Operating voltage 5V DC

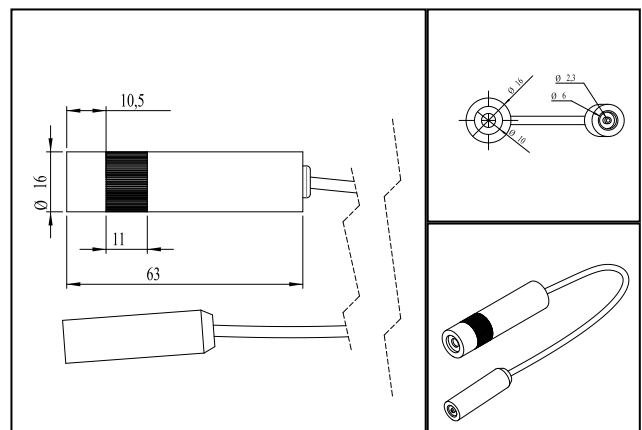
Picture



Cable color

Positive		white	4.7 - 5.3, typ 5V DC
Ground		black	GND

Drawing



Safety Label



Valid Revision

| 15-AUG-2025