

Doe laser, red, 635 nm, 1 mW

DD635-1-3(12x38)-DOE-C1500
Order Number: 70121988

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape DOE
Laser Class 2
Divergence D - 0.5 mrad
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Single Mode 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.
Stripping of cable cover 50 mm

Mechanical Parameters

Size Ø12x38 mm
Material aluminium
Cable length 1,500 mm
Wire type 18AWG, black, 3,6mm
Output Aperture 5 mm
Housing Color black
Weight 20 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Laserklasse 2
- Kompakte Bauform
- Verstellbarer Fokus
- Für 8mm DOE geeignet

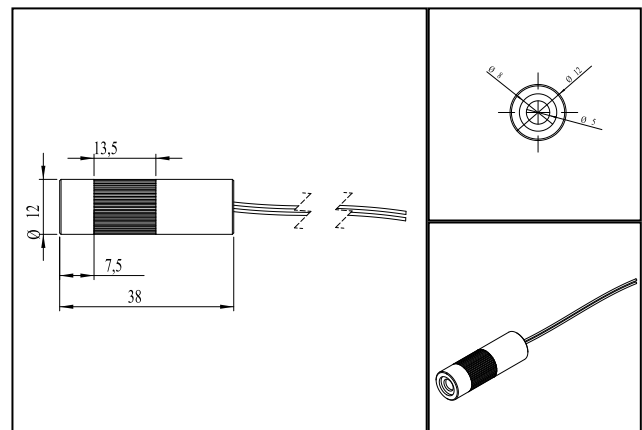
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 03-MAR-2021