

Doe laser, red, 635 nm, 10 mW

DD635-10-5(16X65)-DOE
Order Number: 70138160

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		10		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	10	60	100	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	3R
Divergence	D - 0.5 mrad
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø16x65 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

(*) Over the complete operating temperature range

Features

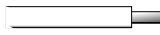


- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated
- Operating Voltage 5V DC

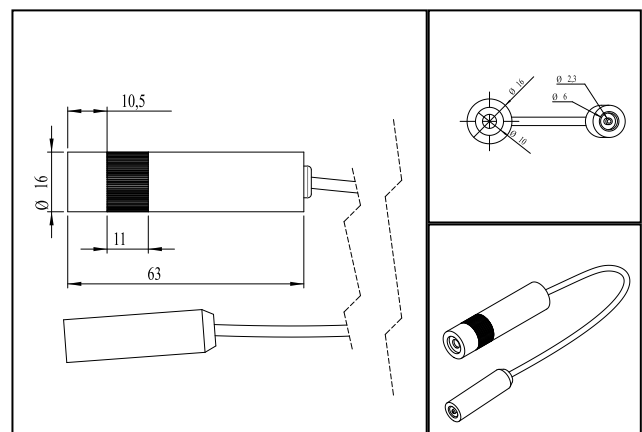
Picture



Cable color

Ground		black	GND
Positive		white	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 25-AUG-2022