

Doe laser, red, 635 nm, 10 mW

DOE270-635-10-5-F(16x62)
Order Number: 70138184

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	45	80	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing isolated
Stripping of cable cover 50 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	25 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



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

Picture



Cable color

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

Safety Label



Valid Revision

| 17-MAY-2019