

Doe laser, red, 635 nm, 5 mW

DOE254-635-5-24(16x65)-NT
Order Number: 70142594

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	23.5	24	24.5	V DC
Operating Current	5	12	30	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	2M
Divergence	D - 0.5 mrad
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC socket (+pole inner)
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max. SYS 1308-2424-W2E 2,1 x 5,5 x 11 center positive

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

DOE

Alpha	36 °
Beta	26 °
Gamma	1.09 °
Delta	26 °

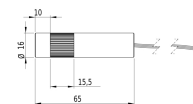
(*) Over the complete operating temperature range

Features

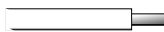


- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated
- Operating Voltage 24 V DC

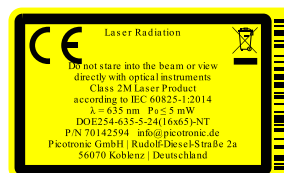
Picture



Cable color

Ground		black	GND
Positive		white	23.5 - 24.5, typ 24 V DC

Safety Label



Valid Revision

| 01-AUG-2024