

Doe laser, red, 635 nm, 5°, 1 mW

DOE205-635-1-24-F(12X54)-C300
Order Number: 70184365

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	23.7	24	24.3	V DC
Operating Current	2	5	25	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	1M
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Fan Angle	5°
Operating Distance	2 m
Optics	glass lens AR coated
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø12x54 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

DOE

Alpha	5°
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features

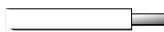


- Operating Voltage 24 V DC
- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated

Picture



Cable color

Ground		black	GND
Positive		white	23.7 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 26-MAR-2025