

Doe laser, red, 635 nm, 1 mW

DOE283-635-1-24-F(12X54)-C300
Order Number: 70154443

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	1
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Operating Distance	0.5 m
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	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	20 °
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(*) 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

| 10-MAR-2022