

Doe laser, green, 532 nm, 5 mW

DOE254-532-5-3(16x90)-F200-NT
Order Number: 70114133

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	1
Divergence	D - 0.5 mrad
Line Thickness	<0.5mm@0.2m
Operating Distance	0.2 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Focus	fixed (200mm)
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

Mechanical Parameters

Size	Ø16x90 mm
Material	aluminium
Cable length	1,360 mm

Weight	43 g
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DOE

Alpha	37 °
Beta	27 °
Gamma	1.12 °
Delta	27 °
a	68 mm
b	48 mm
c	2 mm
d	48 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 1
- DOE Laser
- Fixed focus
- Compact size

Picture



Safety Label



Valid Revision

| 15-JAN-2020