Doe laser, green, 520 nm, 37 °, 5 mW

DOE254-520-5-3(16x90)-NT
Order Number: 70118681

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		5		mW
Operating Voltage		3		V DC
Operating Current	80	150	200	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 6,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	F - 0.7 mrad
Fan Angle	37 °
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	LFNT-3-C

Mechanical Parameters

Size	Ø16x90 mm
Material	aluminium
Cable length	1,360 mm
Output Aperture	6 mm
Housing Color	cyan
Weight	43 g

DOE

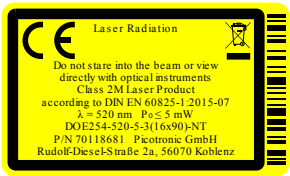
Alpha	37 °
Beta	27 °
Gamma	1.12 °
Delta	27 °
a	68 mm
b	48 mm
c	2 mm
d	48 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features

Picture

Saftey Label



Valid Revision

| 11-APR-2013

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