

Doe laser, green, 520 nm, 37 °, 5 mW

(*) Over the complete operating temperature range

DOE252-520-5-3(16x90)-NT
Order Number: 70118902

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

Technical Parameters

Lifetime	>6000 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 Kilohertz

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	1360 mm
Output Aperture	6 mm
Housing Color	cyan
Weight	43 g

DOE

Alpha	23.9 °
Beta	17 °
Gamma	4.3 °
Delta	17 °
a	42 mm
b	29.9 mm
c	7.5 mm
d	29.9 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

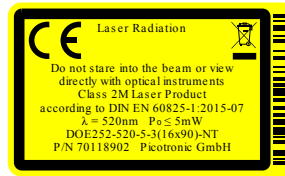
Features



Picture



safety label



Valid Revision
