Doe laser, green, 532 nm, 18 °, 5 mW

DOE216-532-5-3(16x90)-NT
Order Number: 70118896

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

Technical Parameters	
Lifetime	> 5,000 h
RoHS	yes

Optical Parameters	
Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	18 °
Operating Distance	3 m
Optics	acryl lense
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Protection Lens	yes
Focus	fixed
Warm up time	< 15 min

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	10.1 °
Beta	7.1 °
Gamma	7.1 °
a	17.7 mm
b	12.5 mm
c	12.5 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PMMA

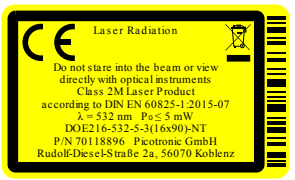
(*) Over the complete operating temperature range

Features

- DOE Laser
- Image processing
- Laser Class 2M
- Compact size

Picture

Saftey Label



Valid Revision

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