

## Doe laser, green, 520 nm, 5 mW

DOE342-520-5-3-F(16x65)-QCW  
Order Number: 70142280

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	180	220	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 1  
Divergence D - 0.5 mrad  
Operating Distance 3 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Stability +/- 3% @ -10-50°C  
Focus adjustable  
internal modulation frequency 1 kHz

### Electrical Parameters

Potential of Housing isolated  
Power Supply LFNT-3

### Mechanical Parameters

Size Ø16x65 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 3 mm  
Housing Color black  
Weight 16 g  
PCB no  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

## Features



- With DOE342 (70128345)
- Low Power consumption
- Direct green 520nm
- Laserclass 1

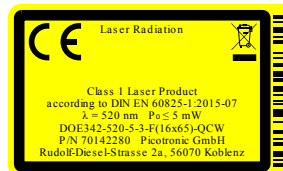
## Picture



## Cable color

Ground  black GND  
positive  red 2.7 - 3.3, typ 3 V DC

## Safety Label



## Valid Revision

| 28-APR-2020