

Doe laser, green, 520 nm, 5 mW

DOE214-520-5-3-F(16x65)-QCW
Order Number: 70133165

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 3R
Divergence D - 0.5 mrad
Operating Distance 20 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, 0,14mm²
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 DOE214 (70124095)
- Low Power consumption
- Direct green 520nm
- Laserclass 3R

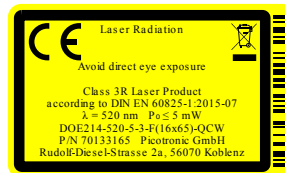
Picture



Cable color

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

Safety Label



Valid Revision

| 28-APR-2020