Dot laser, green, 520 nm, 5 mW

DD520-5-3-F(16x65)-QCW-DOE
Order Number: 70132564

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	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
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	28AWG, Typ 1061, UL1061
Output Aperture	5 mm
Housing Color	black
Weight	24 g
PCB	no
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

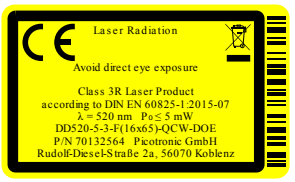
- For assembling with a 8mm DOE
- Low Power consumption
- Direct green laserdiode with 520nm
- Internal modulation

Picture

Cable color

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

Saftey Label



Valid Revision

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