

Laser, green, 520 nm, 10 mW

D520-10-3(12x30)-DOE-PREVERSION
Order Number: 70129298

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Diode Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	90	180	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Laser Class	3R
Optics	none
Laser technology	Single Mode Diode
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x30 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6 mm
Housing Color	black
Weight	3 g

PCB size	20x6x1 mm
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 3R
- Compact size
- Image processing
- Fixed focus

Picture



Cable color

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

Safety Label



Valid Revision

| 23-JAN-2020