

## Dot laser, green, 520nm, 1mW

DD520-1-24(12x40)-QCW

Order Number: 70121025

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		1		mW
Operating Voltage	12	24	24	V DC
Operating Current	5	10	20	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>6000h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5mrad
Size of Laserdot	<8mm@10m
Operating Distance	50m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50 °C
Focus	collimated
internal modulation frequency	1Kilohertz

### Mechanical Parameters

Size	Ø12x40mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	16g
PCB	no
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24V DC
- Compact size
- Laser Class 2
- High Power
- Fixed focus

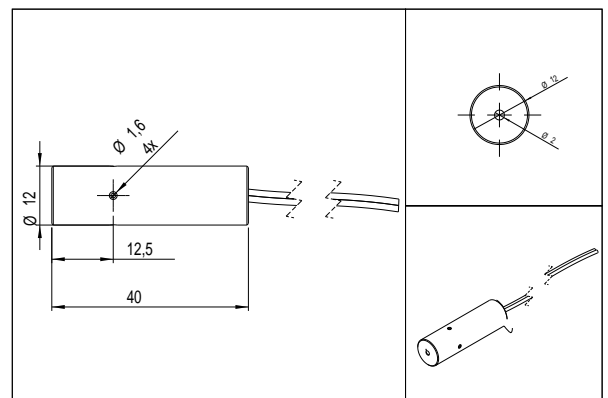
### Picture



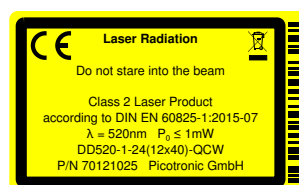
### Cable Colors

Ground		blue	GND
Positive		red	12 - 24, typ 24V DC

### Drawing



### Safety Label



### Revision

| 08-JAN-2018