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

DD520-5-5(12x35)-QCW-DOE
Order Number: 70123692

| Main Parameters (*) | min | typ | max | Unit |
|---|---|---|---|---|
| Wavelength | 510 | 520 | 530 | nm |
| Optical Output Power | | 5 | | mW |
| Operating Voltage | 3 | 5 | 7 | V DC |
| Operating Current | 150 | 200 | 230 | 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 | <8mm@10m |
| Operating Distance | 20 m |
| Optics | glass lens AR coated |
| Laser technology | Single Mode Diode |
| Stability | +/- 3% @ -10-50°C |
| Focus | collimated |
| internal modulation frequency | 1 kHz |

### Electrical Parameters

| | |
|---|---|
| Potential of Housing | isolated |
| Power Supply | LFNT-5 |

### Mechanical Parameters

| | |
|---|---|
| Size | Ø12x35 mm |
| Material | aluminium |
| Cable length | 100 mm |
| Wire type | 26AWG, 0,14mm² |
| Output Aperture | 3 mm |
| Housing Color | black |
| Weight | 16 g |
| PCB | yes |
| PCB size | 22x12x2.4 mm |
| Stripping of wire | 5 mm |

(*) Over the complete operating temperature range

### Features

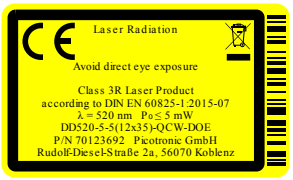
- For 8mm DOE
- Low Power consumption
- Direct green 520nm

### Picture

### Cable color

| | | | |
|---|---|---|---|
| Ground | | black | GND |
| Positive | | red | 3 - 7, typ 5 V DC |

### Saftey Label




### Valid Revision

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