

Line laser, green, 520nm, 90°, 0.9mW

L520-0.9-3(10x38)-F5000-C127

Order Number: 70129601

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | 510 | 520 | 530 | nm |
| Optical Output Power | | 0.9 | | mW |
| Operating Voltage | 3 | 3 | 7 | V DC |
| Operating Current | 50 | 100 | 120 | mA |
| Operating Temperature | -20 | | 60 | °C |
| Storage Temperature | -20 | | 85 | °C |

Technical Parameters

| | |
|----------|---------|
| Lifetime | >10000h |
| RoHS | yes |

Optical Parameters

| | |
|--------------------|----------------------|
| Beam Shape | Line |
| Laser Class | 2 |
| Fan Angle | 90° |
| Line Thickness | 3mm@5m |
| Operating Distance | 2m |
| Optics | glass lens AR coated |
| Laser technology | Single Mode Diode |
| Focus | fixed (5.0m) |

Electrical Parameters

| | |
|----------------------|----------|
| Potential of Housing | isolated |
| ESD Protection | yes |

Mechanical Parameters

| | |
|-------------------|---------------------|
| Size | Ø10x38mm |
| Material | aluminium |
| Cable length | 127mm |
| Wire type | 26AWG, UL, isolated |
| Housing Color | black |
| Weight | 5.2g |
| Stripping of wire | 3mm |

(*) Over the complete operating temperature range

Features




- Direct green 520nm
- Compact size
- Wide temperature range
- 3-7V DC

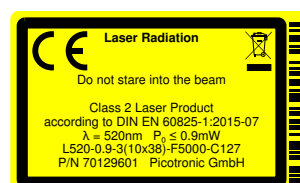
Picture



Cable Colors

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

Safety Label



Revision

| 11-FEB-2019