

Dot laser, green, 532 nm, 1 mW

DA532-1-3(20x95)
Order Number: 70100037

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 532 | | nm |
| Optical Output Power | | 1 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 85 | 200 | 370 | mA |
| Operating Temperature | 15 | | 30 | °C |
| Storage Temperature | -40 | | 80 | °C |

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

| | |
|--------------------|------------------------|
| Beam Shape | Dot |
| Laser Class | 2 |
| Divergence | A - 0.1 mrad |
| Beam Diameter | 9 mm |
| Size of Laserdot | <9.5mm@40m |
| Operating Distance | 150 m |
| Optics | glass lens AR coated |
| Beam Mode | TEM00 |
| Laser technology | Solid State (YVO4+KTP) |
| Stability | +/- 20% @ 15-30°C |
| Focus | collimated |
| Warm up time | < 15 min |

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

| | |
|-------------------|----------------------------|
| Size | Ø20x95 mm |
| Material | aluminium |
| Cable length | 100 mm |
| Wire type | 26AWG, 0,14mm ² |
| Output Aperture | 8 mm |
| Housing Color | black |
| Weight | 75 g |
| Stripping of wire | 5 mm |

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 2
- Fixed focus
- Large operating range
- Isolated housing

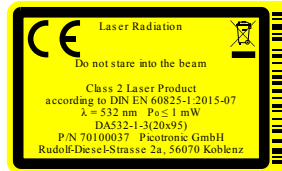
Picture



Cable color

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

Safety Label



Valid Revision

12 | 26-JUN-2020