

Dot laser, red, 650 nm, 1 mW

DI650-1-3(5x12)
Order Number: 70105322

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 650 | | nm |
| Optical Output Power | | 1 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 10 | 17 | 35 | mA |
| Operating Temperature | -20 | | 50 | °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 1 - 1.5 mrad
Beam Diameter 2 mm
Size of Laserdot <3..5mm@5m
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus collimated

Electrical Parameters

Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size Ø5x12 mm
Material Brass
Cable length 100 mm
Output Aperture 2 mm
Housing Color black
Weight 1.4 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 2
- Compact size
- Glas lenses anti reflex coated

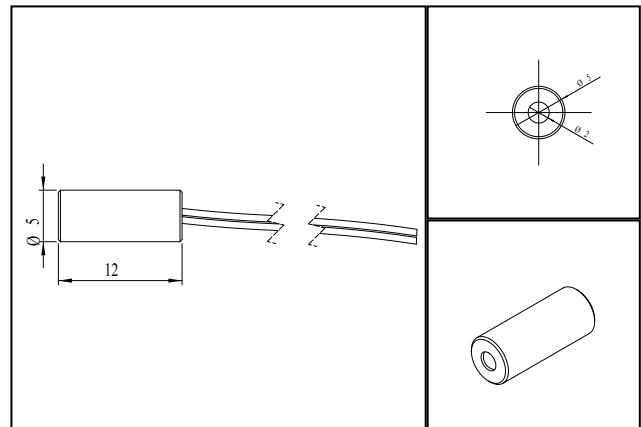
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

4 | 06-MAY-2024