

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

Potential of Housing GND(-)
Power Supply LFNT-3

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 3 V DC
- Laser Class 2
- Compact size
- Glass lenses anti reflex coated

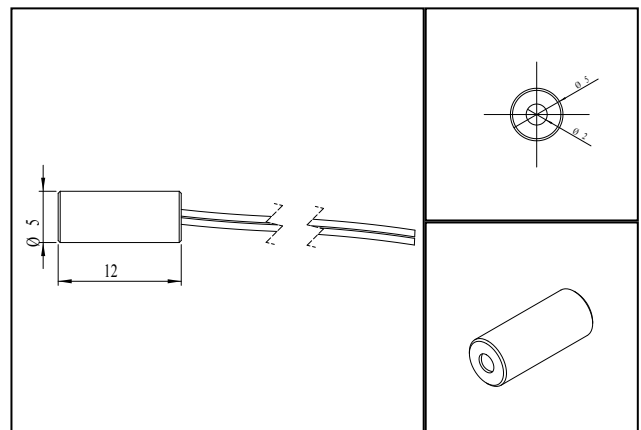
Picture



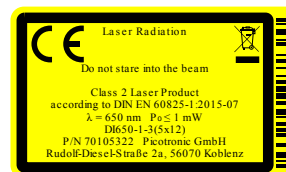
Cable color

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

Drawing



Safety Label



Valid Revision

4 | 13-SEP-2021

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