

Dot laser, red, 650 nm, 1 mW

DG650-1-5(12x34)
Order Number: 70105506

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	0.6	1	1	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	10	20	30	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 G - 0.8 mrad
Size of Laserdot adjustable
Operating Distance 10 m
Optics glass lens AR coated
Laser technology diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-5

Mechanical Parameters

Size Ø12x34 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5 mm
Housing Color black
Weight 17 g
Stripping of wire 5 mm

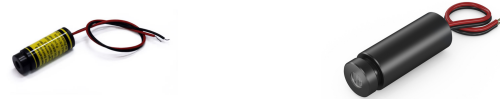
(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 2
- Low power consumption
- Compact size
- Adjustable focus

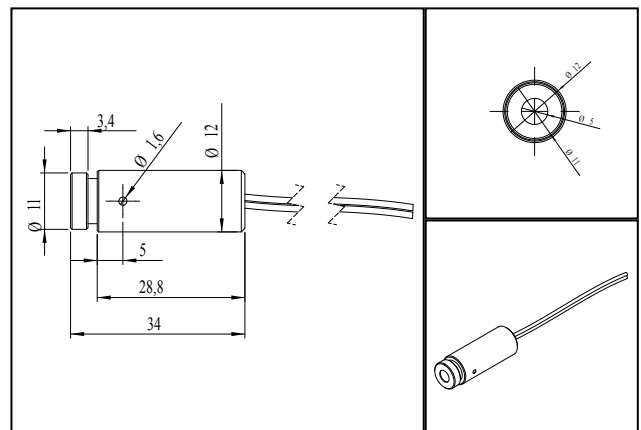
Picture



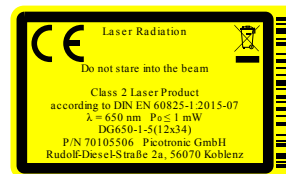
Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

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