

Dot laser, red, 650 nm, 0.4 mW

DD650-0.4-3(12x34)
Order Number: 70118001

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	18	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	1
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	17 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Adjustable focus
- Small laser head
- Laser Class 1

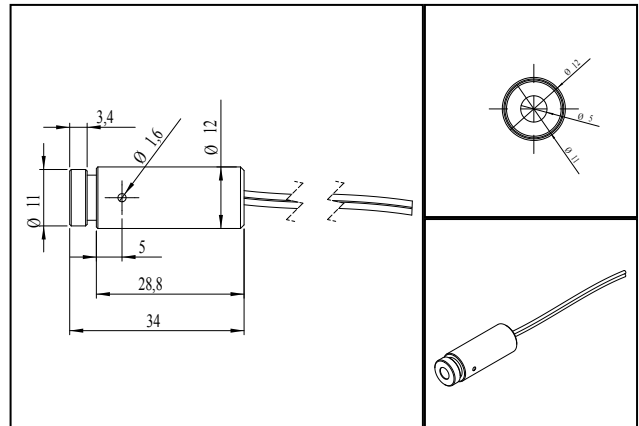
Picture



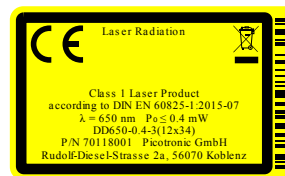
Cable color

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

Drawing



Safety Label



Valid Revision

4 | 28-MAR-2019