

Red Dot Lasermodule

DG650-1-5(12x34)

Order Number: 70105506

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		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

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.8mrad
Size of Laserdot	adjustable
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø12x34mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

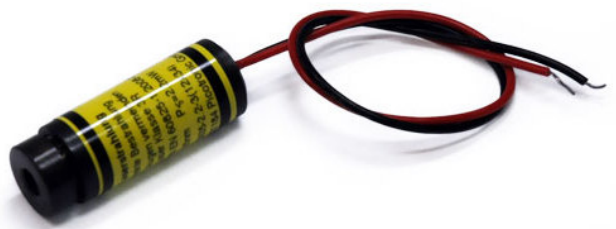
(*) Over the complete operating temperature range

Features





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

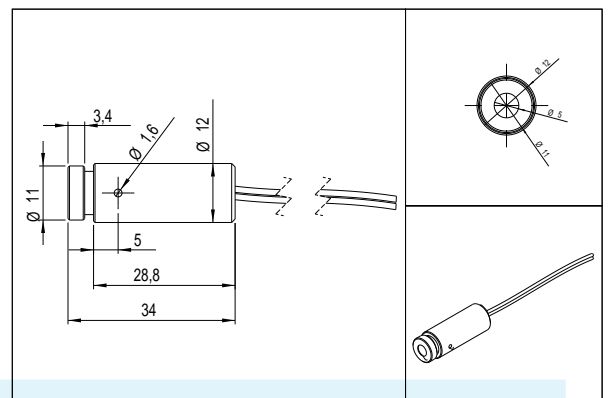
Picture



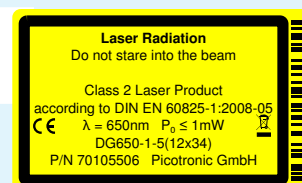
Cable Colors

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

Drawing



Safety Label



Revision

REV 7 | 10-JUL-2014