Red Dot Lasermodule

DG650-1-3(12x34)
Order Number: 70100501

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	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-3

Mechanical Parameters	
Size	Ø12x34mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm²
Output Aperture	5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features

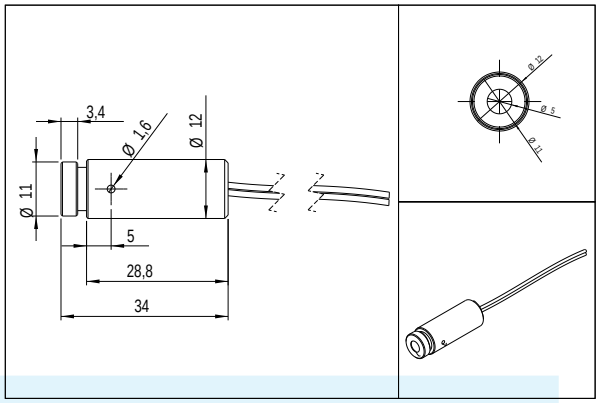
- Operating Voltage 3V DC
- Laser Class 2
- Small laser head
- Adjustable focus
- Low power consumption

Picture

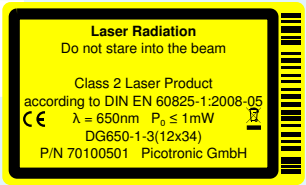
Cable Colors

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

Drawing



Safety Label



Revision

REV 5 | 10-JUL-2014

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Steuernummer: 22/651/0291/4
Ust-Idnr. DE814473445
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WEEE-Reg.-Nr. DE85231360