

## Red Dot Lasermodule

DI635-0.4-5(8x21)-AP

Order Number: 70114157

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	28	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	1.5mrad
Beam Diameter	2mm
Size of Laserdot	<3..5mm@5m
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Axial Divergence	±0.1°
Focus	fixed (5000mm)

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Power Supply	LFNT-5
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### Mechanical Parameters

Size	Ø8x21mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	2mm
Housing Color	silver
Weight	3g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Axial parallel
- Glas lenses anti reflex coated
- Compact size
- Laser Class 1
- Operating Voltage 5V DC

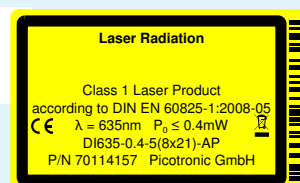
### Picture



### Cable Colors

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

### Safety Label



### Revision

REV 7 | 14-AUG-2014