

## Dot laser, red, 635 nm, 1 mW

DDI635-1-24(12x45)-C3000  
Order Number: 70115956

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	2	5	20	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 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 isolated  
Stripping of cable cover 50 mm

### Mechanical Parameters

Size Ø12x45 mm  
Material aluminium  
Cable length 3,000 mm  
Wire type 18AWG, black, 3,6mm  
Output Aperture 5 mm  
Housing Color black  
Weight 70 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

### Features





- Glas lenses anti reflex coated
- Isolated housing
- Laser Class 2
- Operating Voltage 24 V DC
- Small package

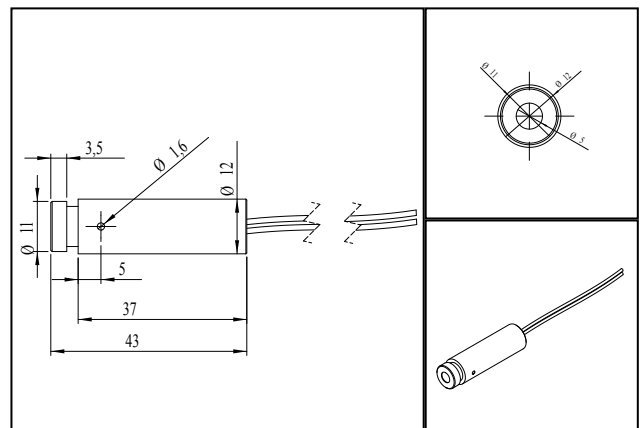
### Picture



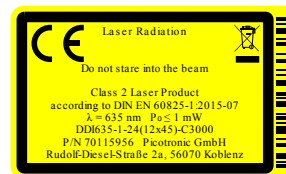
### Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

### Drawing



### Safety Label



### Valid Revision

3 | 30-AUG-2022

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