

## Red Dot Lasermodule

DD635-1-24(12x45)-WP

Order Number: 70120448

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	3	5	15	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.5mrad
Beam Diameter	5mm
Size of Laserdot	4..6mm@10
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	collimated (1000mm)

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
----------------------	----------

### Mechanical Parameters

Size	Ø12x45mm
Material	aluminium
Cable length	200mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5mm
Housing Color	black
Weight	250g
Protection Class	IP67
Stripping of wire	5mm
Stripping of cable cover	50mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24V DC
- Compact size
- Isolated housing
- Laser Class 2
- waterproof IP67

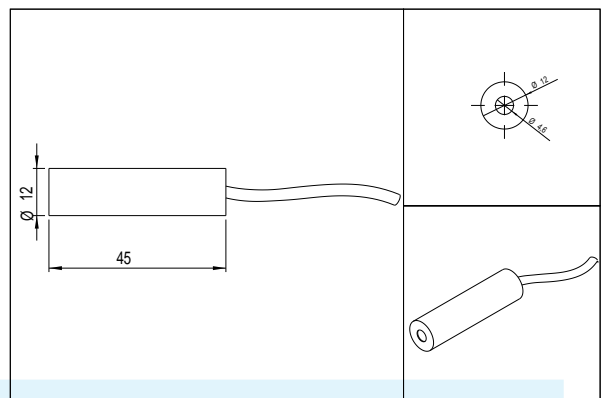
### Picture



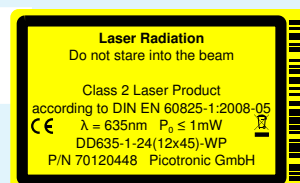
### Cable Colors

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

### Drawing



### Safety Label



### Revision

| 13-OCT-2014