

Red Dot Lasermodule

DD635-0.4-24(12x45)

Order Number: 70118063

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.4		mW
Operating Voltage	23.6	24	24.4	V DC
Operating Current	2	5	15	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	0.5mrad
Size of Laserdot	adjustable
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x45mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

(*) Over the complete operating temperature range



Features

- Operating Voltage 24V DC
- Adjustable focus
- Small laser head
- Laser Class 1

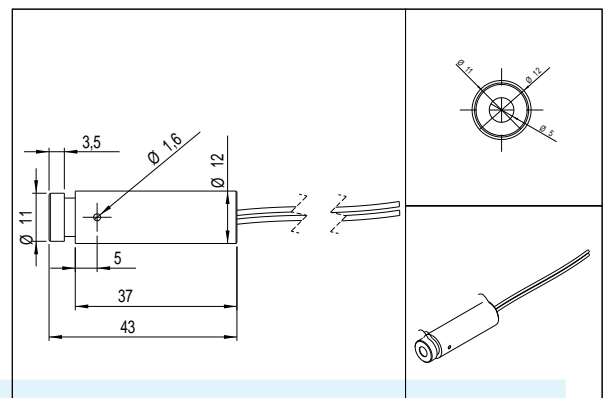
Picture



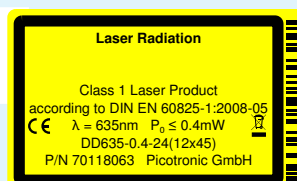
Cable Colors

Ground		black	GND
Positive		red	23.6 - 24.4, typ 24V DC

Drawing



Safety Label



Revision

REV 4 | 13-OCT-2014