

Red Dot Lasermodule

DDI635-1-24(12x45)-C5000

Order Number: 70118254

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

Optical Parameters

Beam Shape	Dot
Laser Class	2
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
----------------------	----------

Mechanical Parameters

Size	Ø12x45mm
Material	aluminium
Cable length	5000mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5mm
Housing Color	black
Weight	30g
Stripping of wire	5mm
Stripping of cable cover	50mm

(*) Over the complete operating temperature range

Features





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

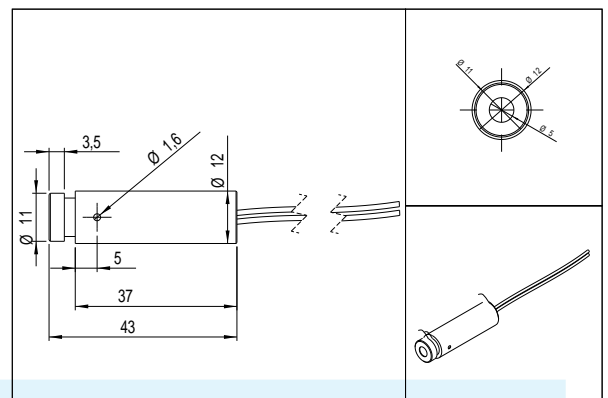
Picture



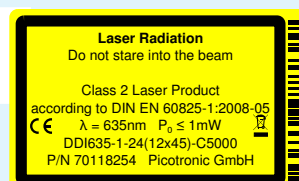
Cable Colors

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

Drawing



Safety Label



Revision

REV 3 | 21-JUL-2014