

Red Dot Lasermodule

DDI635-1-24(12x45)-C500

Order Number: 70113204

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	7	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
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Mechanical Parameters

Size	Ø12x45mm
Material	aluminium
Cable length	500mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5mm
Housing Color	black
Weight	15g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features





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

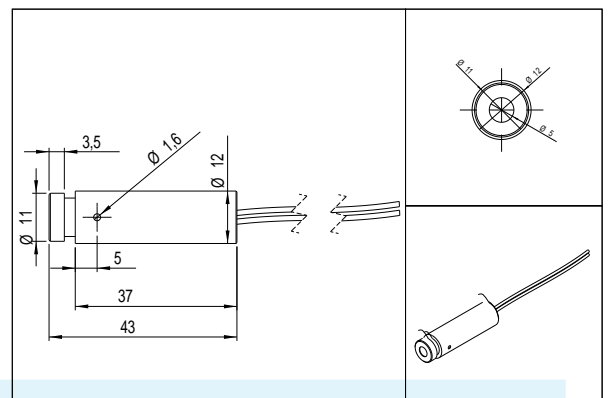
Picture



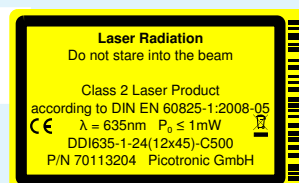
Cable Colors

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

Drawing



Safety Label



Revision

REV 3 | 16-JUL-2014