

Doe laser, red, 635nm, 18°, 1mW

DOE215-635-1-6(10x22)

Order Number: 70111668

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		1		mW
Operating Voltage	3	5	6	V DC
Operating Current	20	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>3000h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	1
Divergence	H - 1.0mrad
Fan Angle	18°
Line Thickness	<1.5mm@0.5m
Operating Distance	0.5m
Optics	acryl lens
Laser technology	diode
Protection Lens	yes
Focus	fixed (500mm)

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø10x22mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	6mm
Weight	8.5g

(*) Over the complete operating temperature range

Features



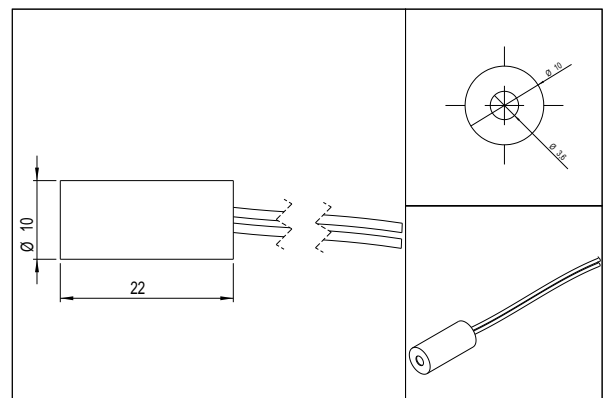
Picture



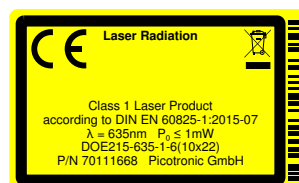
Cable Colors

Ground		black	GND
Positive		red	3 - 6, typ 5V DC

Drawing



Safety Label



Revision

REV 1 | 14-JAN-2016