

Doe laser, red, 635 nm, 18°, 5 mW

DOE285-635-5-6(10x22)
Order Number: 70118971

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	V DC
Operating Current	25	45	65	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000 h

RoHS yes

Optical Parameters

Beam Shape DOE

Laser Class 2M

Divergence H - 1.0 mrad

Fan Angle 18°

Line Thickness <2mm@1m

Operating Distance 1 m

Optics acryl lense

Laser technology diode

Protection Lens yes

Focus fixed (1000mm)

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size Ø10x22 mm

Material Brass

Cable length 100 mm

Wire type 26AWG, 0,14mm²

Output Aperture 6 mm

Weight 8.5g

DOE

Alpha 6.1°

a 10.7 mm

Diameter (without holder) 8 mm

Width (without Holder) 1.2 mm

Material PC

(*) Over the complete operating temperature range

Features



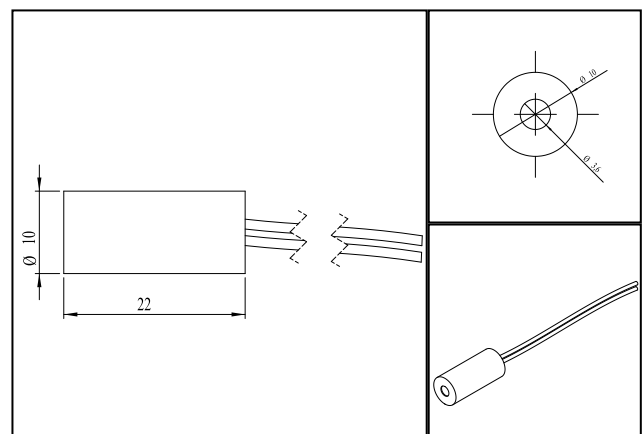
Picture



Cable color

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

Drawing



Safety Label



Valid Revision