

Doe laser, red, 635 nm, 18°, 1 mW

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

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000 h
RoHS yes

Optical Parameters

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

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 18.2°
Beta 15.1°
Gamma 10.1°

a	32 mm
b	27 mm
c	17.7 mm
Material	PC

(*) Over the complete operating temperature range

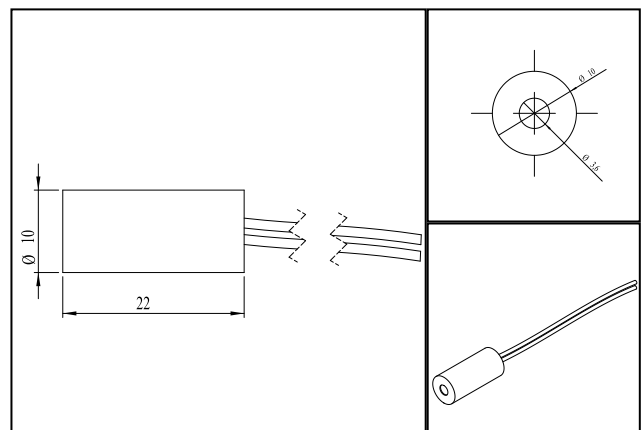
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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