

DOE laser, red, 635 nm, 38.7°, 5 mW

DOE258-635-5-6(10x22)-F700
Order Number: 70112832

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	38.7°
Operating Distance	0.7 m
Optics	acryl lense
Laser technology	diode
Protection Lens	yes
Focus	fixed

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size	Ø10x22 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	6 mm
Weight	8.5 g

DOE

Alpha	38.8°
Beta	28°
Gamma	2.8°
Delta	28°
a	70.4 mm
b	49.8 mm
c	4.98 mm
d	49.8 mm
Diameter (without holder)	8 mm

Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features



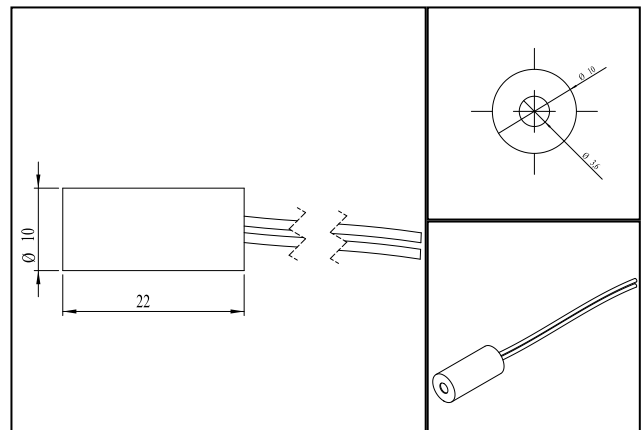
Picture



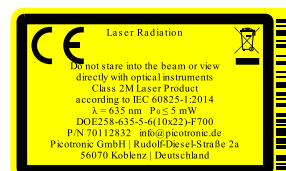
Cable color

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

Drawing



Safety Label



Valid Revision

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