

Dot laser, red, 635 nm, 3.5 mW

DOE-QD635-5-6(10x22)-ADJ
Order Number: 70108569

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power	2	3.5	5	mW
Operating Voltage	3	6	6	V DC
Operating Current		45		mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø10x22 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Weight	8.5 g

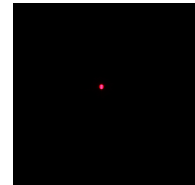
(*) Over the complete operating temperature range

Features



- DOE optimized
- Laserclass depends on DOE
- Compact size
- Wide operating voltage
- Low cost

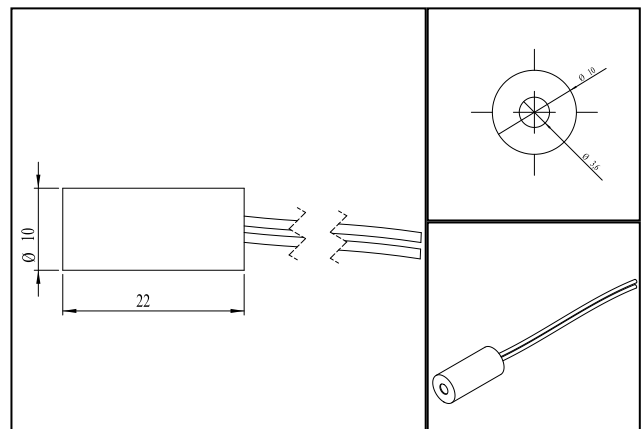
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

7 | 16-MAY-2022