

Dot laser, red, 635 nm, 3.5 mW

DOE-QD635-5-5(10x24)-ADJ
Order Number: 70144512

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power	2	3.5	5	mW
Operating Voltage	2.8	5	5	V DC
Operating Current	15	30	70	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	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø10x24 mm
Material	Brass
Cable length	100 mm

Wire type	26AWG, 0,14mm²
Output Aperture	3 mm
Housing Color	brass
Weight	8.5g
Stripping of wire	5 mm

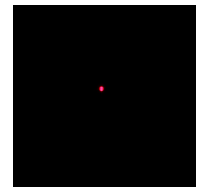
(*) Over the complete operating temperature range

Features



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

Picture



Cable color

Ground		black	GND
Positive		red	2.8 - 5, typ 5 V DC

Safety Label



Valid Revision

| 13-MAY-2022