

Doe laser, red, 635 nm, 5 mW

DOE249-635-5-5(10X24)-ADJ-CON
Order Number: 70157444

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	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	DOE
Laser Class	1M
Divergence	H - 1.0 mrad
Optics	acryl lense
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC socket (GND pole inner)
Power Supply	Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

Mechanical Parameters

Size	Ø10x24 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	6 mm
Housing Color	brass
Weight	8.5 g

DOE

Alpha	8.3°
Beta	8.3°
Gamma	11.8°
Delta	0.36°
a	14.6 mm
b	14.6 mm
c	20.6 mm
d	0.6 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 - 5, typ 5 V DC

Safety Label



Valid Revision

| 06-MAR-2023