

Doe laser, red, 635 nm, 5 mW

DOE250-635-5-6(10x24)-ADJ-NT
Order Number: 70143898

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	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	2.1 mm DC socket (GND inner)
Power Supply	Power Supply, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max, Connector 2,1x5,5x9,5mm 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	8.5g

Stripping of wire	5 mm
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DOE

Alpha	30 °
Beta	6 °
Gamma	1.5 °
Delta	29 °
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

Safety Label



Valid Revision

| 01-AUG-2024