

Doe laser, red, 650 nm, 10 mW

DOE219-650-10-6(10x24)-ADJ
Order Number: 70145854

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		10		mW
Operating Voltage	3	5	6	V DC
Operating Current	30	65	100	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	3R
Divergence	H - 1.0 mrad
Optics	acryl lense
Laser technology	diode
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

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

DOE

Alpha	41.8°
Beta	30.3°

Gamma	3°
Delta	30.3°
a	76.3 mm
b	54.1 mm
c	5.4 mm
d	54.1 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

Safety Label



Valid Revision

| 04-MAR-2020