

Doe laser, red, 635 nm, 5 mW

D635-5-3(10x22)-DOE-PREVERSION
Order Number: 70127744

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	35	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	3R
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed

Electrical Parameters

Potential of Housing	isolated
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	Ø10x22 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	4 mm
Housing Color	black
Weight	3 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 3R
- Compact size
- Image processing
- Fixed focus

Picture



Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

Safety Label



Valid Revision

| 07-FEB-2019