

## Dot laser, infrared, 980 nm, 20 mW

DE980-20-3(10x20)  
Order Number: 70106350

Main Parameters (*)	min	typ	max	Unit
Wavelength		980		nm
Optical Output Power		20		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	60	90	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	Dot
Laser Class	3B
Divergence	E - 0.6 mrad
Size of Laserdot	<15mm@25m
Operating Distance	25 m
Optics	glass lens AR coated
Laser technology	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	Ø10x20 mm
Material	Brass

Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm
Weight	8.5 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3 V DC
- Laser Class 3B
- Compact size
- Image processing
- Adjustable focus

### Picture



### Cable color

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

### Safety Label



### Valid Revision

0 | 27-MAY-2020