

Punkt-linien Laser, red, 635 nm, 90°, 2.2 mW

PLD635-2.2-3(12x34)
Order Number: 70103724

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.2		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	45	70	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 Line
Laser Class	3R
Divergence	D - 0.5 mrad
Fan Angle	90°
Size of Laserdot	<5mm@3m
Line Thickness	<3mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	yes
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	VDD(+)
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Power Supply with
stripped/tinned wires, Output:
3.3V DC, Input: 100-240V AC,
50-60Hz, Output Power: 3.3W
max.

Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5.5 mm
Weight	18 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 3R
- Fan angle 90°
- Fixed focus
- Compact size

Picture



Cable color

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

Safety Label



Valid Revision

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