

Line laser, red, 635 nm, 110°, 4 mW

LH635-4-3(21x21x35)110DEG
Order Number: 70116267

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	45	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	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	110°
Line Thickness	<1mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)

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	21x21x35 mm
Material	aluminium

Cable length	200 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5 mm
Housing Color	black
Weight	54 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Fan angle 110°
- Laser Class 1
- Operating Voltage 3V DC
- Fixed focus
- Image processing

Picture



Cable color

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

Safety Label



Valid Revision

10 | 25-MAR-2021