



Line laser, red, 635 nm, 120°, 10 mW

LH635-10-5(22x80)120-ADJ-POTI
Order Number: 70134636

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Diode Power	7	10	13	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	60	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	120°
Line Thickness	adjustable
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø22x80 mm
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Material	aluminium
Cable length	1,000 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	2.5 mm
Housing Color	black
Weight	88 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 1
- Low cost
- Fan angle 120°
- Compact size

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 16-MAR-2022