

Line laser, red, 635 nm, 90°, 4 mW

MLH635-4-5(16x45)
Order Number: 70101775

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	200 kHz
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø16x45 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	25 g

(*) Over the complete operating temperature range

Features






- Laser Class 1
- Operating Voltage 5V DC
- Compact size
- Fixed focus
- Image processing

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	200 kHz

Safety Label



Valid Revision

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