

Line laser, green, 520 nm, 120°, 12 mW

LH520-12-5(40x100)120-M12-F3000
Order Number: 70134728

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	8	12	16	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	120	180	250	mA
Operating Temperature	-20		50	°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	2M
Divergence	H - 1.0 mrad
Fan Angle	120°
Line Thickness	<1.5mm@3m
Operating Distance	3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (GND pole inner)

Mechanical Parameters

Size	Ø40x100 mm
Material	aluminium
Cable length	500 mm
Output Aperture	5.5 mm
Housing Color	black
Weight	203 g
Protection Class	IP 67

(*) Over the complete operating temperature range

Features

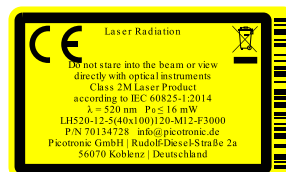


- Operating Voltage 5V DC
- Isolated housing
- Laser Class 2M
- Protection lens

Picture



Safety Label



Valid Revision

| 16-MAR-2022