

Line laser, green, 520 nm, 110°, 5 mW

LH520-5-5-F(20x90)110
Order Number: 70140934

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	3	5	7	mW
Operating Voltage	3	5	5	V DC
Operating Current	35	50	100	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		85	°C

Main Data

Warranty	1 years
----------	---------

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1M
Divergence	B - 0.3 mrad
Fan Angle	110°
Line Thickness	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode 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	Ø20x90 mm
------	-----------

Material	aluminium
Cable length	1,000 mm
Wire type	24AWG, black, 3mm
Output Aperture	6 mm
Housing Color	black
Weight	63 g
Protection Class	IP 54

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 1M
- Low cost
- Fan angle 110°
- Compact size

Picture



Cable color

Ground		black	GND
Positive		red	3 - 5, typ 5 V DC

Safety Label



Valid Revision

| 16-MAR-2022