

Line laser, green, 520 nm, 360°, 5 mW

LE520-5-3(25.4x100)360DEG
Order Number: 70140378

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power	3	5	7	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	100	200	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle	360°
Line Thickness	<3mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

Mechanical Parameters

Size	Ø25.4x100 mm
Material	aluminium
Housing Color	black
Weight	100 g

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 17-DEC-2021