

Line laser, green, 520 nm, 30°, 7 mW

LE520-7-5(12X40)30DEG-F400
Order Number: 70181210

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		7		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	80	130	180	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

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

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes
FDA registration	yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Fan Angle	30°
Line Thickness	<0.5mm@0.4m
Operating Distance	0.4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (400mm)

Electrical Parameters

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

Mechanical Parameters

Size	Ø12x40 mm
Material	aluminium

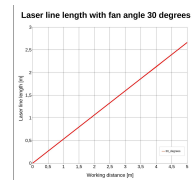
Cable length	500 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	4 mm
Housing Color	black
Weight	10 g

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 11-SEP-2024