

Line laser, red, 650 nm, 90°, 4 mW

LI650-4-5(8x26)90DEG-F40
Order Number: 70145137

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	34	45	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	1
Divergence	1 - 1.5 mrad
Fan Angle	90°
Line Thickness	<0.3mm@0.04m
Operating Distance	0.04 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (40mm)

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	Ø8x26 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Housing Color	black
Weight	4 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 1
- Low power consumption
- For medical devices
- Uniform line thickness
- Image processing

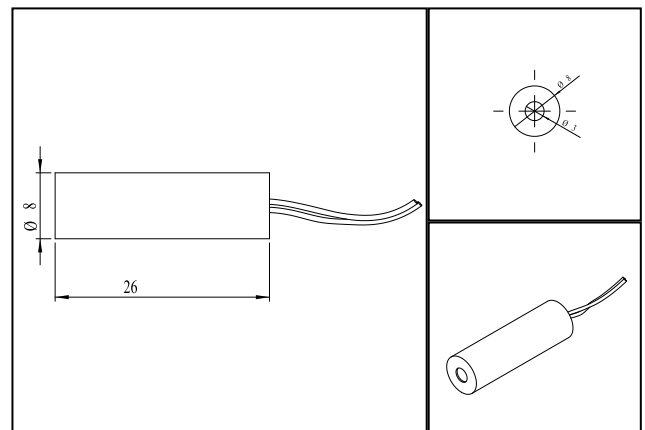
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 03-MAR-2021