

Line laser, infrared, 808 nm, 60°, 200 mW

LH808-200-3(20x60)60
Order Number: 70125801

Main Parameters (*)	min	typ	max	Unit
Wavelength		808		nm
Optical Output Power		200		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	225	380	550	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

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

Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3B
Divergence	H - 1.0 mrad
Fan Angle	60°
Line Thickness	<1.5mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø20x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	43 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Image processing
- Compact size
- Uniform line thickness
- High power
- Operating Voltage 3V DC

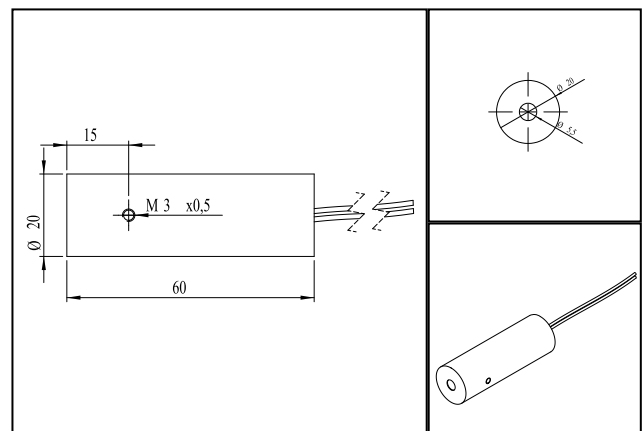
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 17-DEC-2018