

Line laser, red, 650 nm, 45°, 5 mW

LE650-5-3(20x75)45-F500-C2000
Order Number: 70108828

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle	45°
Line Thickness	<0.3mm@0.5m
Operating Distance	0.5m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (500mm)

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	Ø20x75 mm
Material	aluminium
Cable length	2,000 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Weight	73 g

(*) Over the complete operating temperature range

Features



- Laser Class 1
- Operating Voltage 3V DC
- Uniform line thickness
- Fan angle 45°
- Glas lenses anti reflex coated

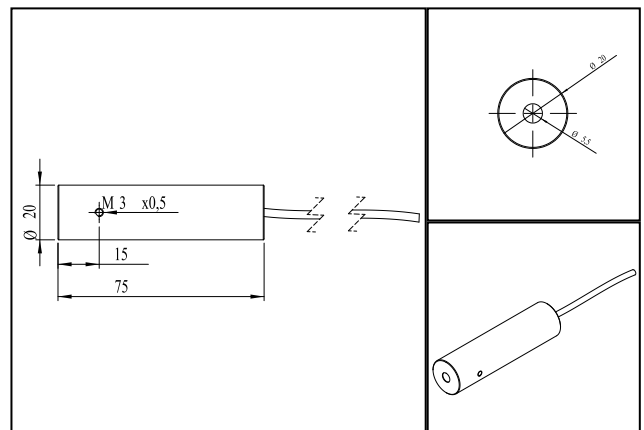
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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