

Line laser, red, 650 nm, 90°, 3 mW

LC650-3-5(9X25)-PL
Order Number: 70157109

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	40	65	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°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
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Protection Lens	yes
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø9x25 mm
Material	aluminium
Cable length	120 mm
Wire type	28AWG
Output Aperture	4 mm
Housing Color	black
Weight	4 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 1
- Fan angle 90°
- Compact size

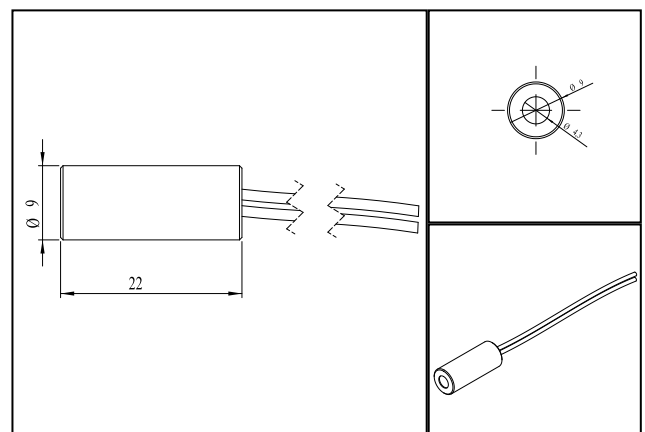
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 12-JAN-2024