

Line laser, red, 650 nm, 90°, 16 mW

LC650-16-3-F(14x55)
Order Number: 70106336

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	75	115	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 2
Divergence C - 0.4 mrad
Fan Angle 90°
Line Thickness adjustable
Operating Distance 5 m
Optics glass lens AR coated
Laser technology diode
Focus adjustable

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 Ø14x55 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 3.5 mm
Weight 16.5 g

(*) Over the complete operating temperature range

Features



- Image processing
- Adjustable focus
- Laser Class 2
- Compact size
- Uniform line thickness

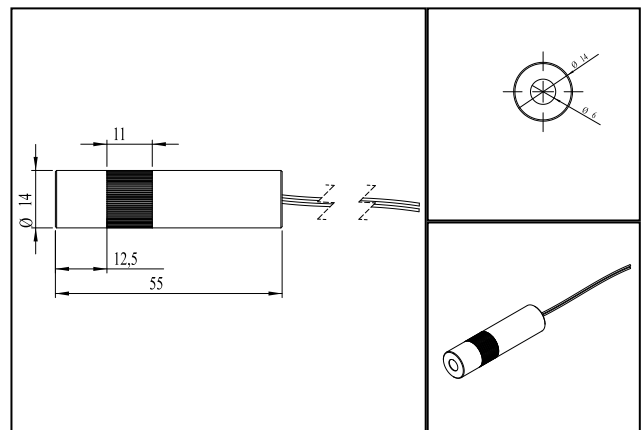
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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