

Line laser, red, 650 nm, 30 °, 16 mW

LC650-16-3-F(14x55)30
Order Number: 70106848

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	64	100	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 2M
Divergence C - 0.4 mrad
Fan Angle 30 °
Line Thickness adjustable
Operating Distance 4 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

Size Ø14x55 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 3.5 mm
Housing Color black
Weight 16.5 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Adjustable focus
- Operating Voltage 3 V DC
- Adjustable focus
- Small fan angle
- Image processing

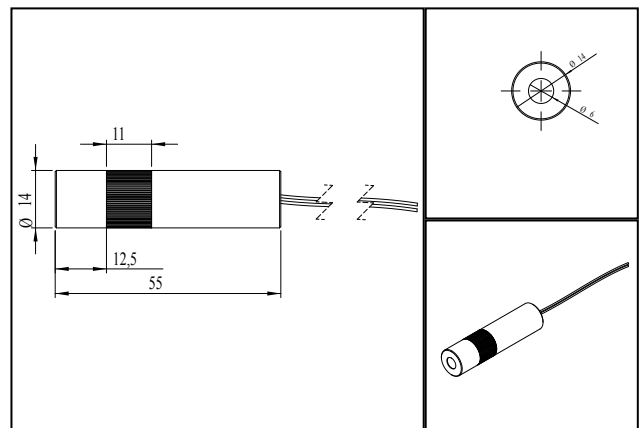
Picture



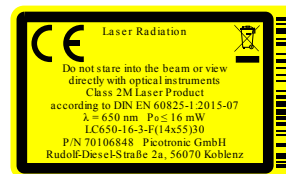
Cable color

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

Drawing



Safety Label



Valid Revision

1 | 22-APR-2021