

Line laser, red, 658 nm, 90°, 60 mW

LH658-60-3(14x45)90DEG-F500
Order Number: 70118490

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power	50	60	70	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	70	100	160	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 3R
Divergence H - 1.0 mrad
Fan Angle 90°
Line Thickness <0.5mm@0.5m
Operating Distance 0.5m
Optics glass lens AR coated
Laser technology Single Mode 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 Ø14x45 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5.5 mm
Housing Color black
Weight 18 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Low power consumption
- Uniform line thickness
- Image processing

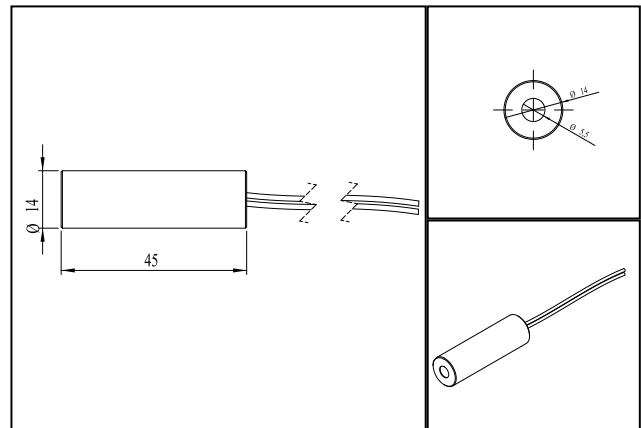
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

23 | 17-DEC-2018