

Dot laser, red, 658 nm, 60 mW

DH658-60-3(14x45)
Order Number: 70118568

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power	55	60	65	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	70	120	200	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 Dot
Laser Class 3B
Divergence H - 1.0 mrad
Size of Laserdot <10mm@20m
Operating Distance 100 m
Optics glass lens AR coated
Laser technology Single Mode 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 Ø14x45 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5.5 mm
Housing Color black
Weight 16 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 3B
- Low power consumption
- Image processing

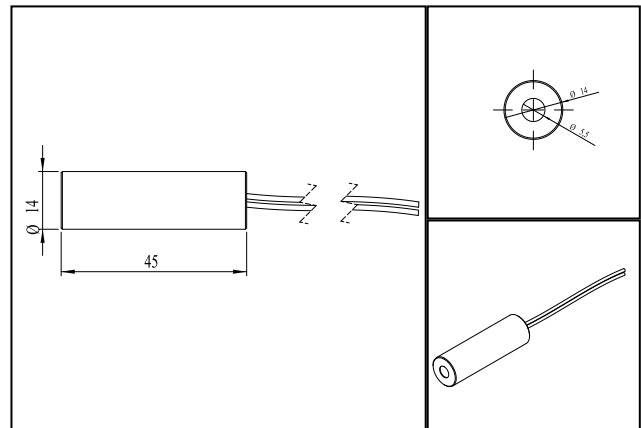
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

23 | 17-DEC-2018