

Dot laser, red, 650 nm, 16 mW

DH650-16-3(14x45)
Order Number: 70102178

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	30	55	85	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 Dot
Laser Class 3B
Divergence H - 1.0 mrad
Size of Laserdot adjustable
Operating Distance 150 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 Ø14x45 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5 mm
Weight 17 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 3B
- Small fan angle
- High Power
- Adjustable focus

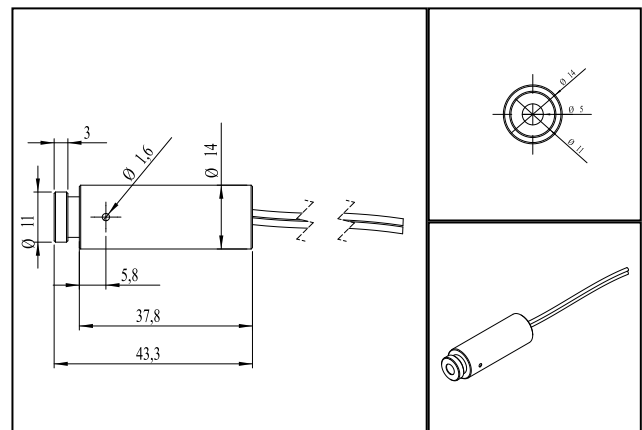
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

0 | 10-JAN-2012