

Dot laser, red, 650 nm, 16 mW

DD650-16-3(14x45)
Order Number: 70102055

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	60	90	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 D - 0.5 mrad
Size of Laserdot adjustable
Operating Distance 50 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 Belden, Typ 1007, 26AWG
Output Aperture 5 mm
Housing Color black
Weight 16 g
Stripping of wire 5 mm

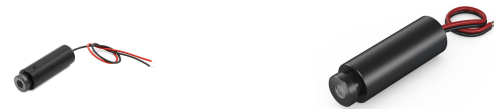
(*) Over the complete operating temperature range

Features



- Uniform illumination
- Operating Voltage 3V DC
- Laser Class 3B
- Compact size
- Adjustable focus

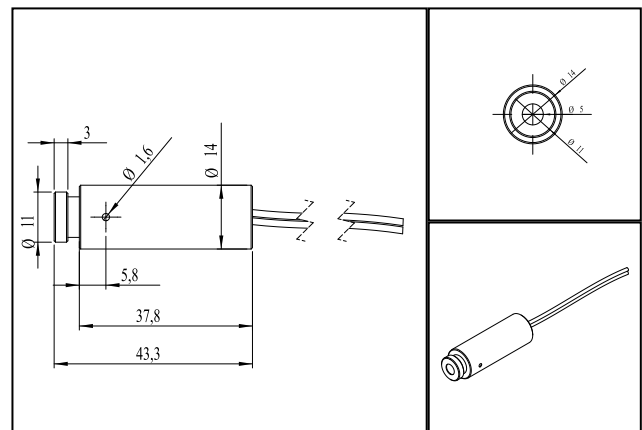
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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