

Dot laser, red, 635 nm, 5 mW

DB635-5-5-FA(14x45)
Order Number: 70114850

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	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	3R
Divergence	B - 0.3 mrad
Beam Diameter	5 mm
Size of Laserdot	<3.4mm@10m
Operating Distance	100 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	18 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Fixed focus
- Image processing
- Small laser head
- Laser Class 3R

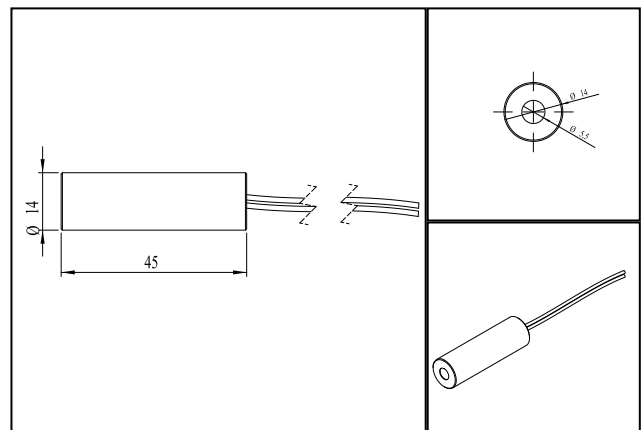
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

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