

Dot laser, red, 635 nm, 5 mW

DB635-5-5-FA(14x45)-CON
Order Number: 70130843

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
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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
Connector	2.1 mm DC plug (GND pole inner)
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

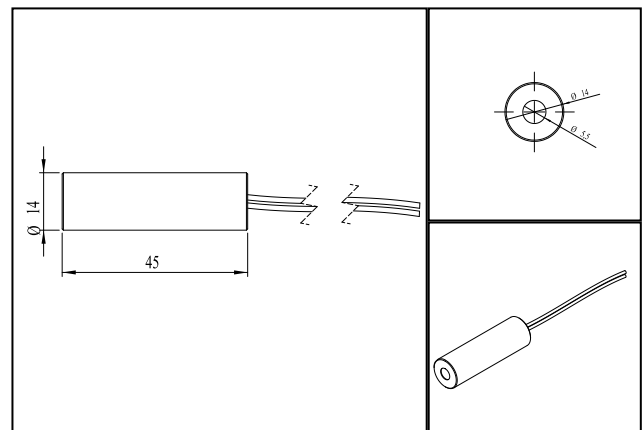
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 03-NOV-2017