

Dot laser, red, 635 nm, 0.2 mW

DI635-0.2-3(8x21)
Order Number: 70126228

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.2		mW
Operating Voltage	2.4	3	3	V DC
Operating Current	10	20	35	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	1
Divergence	1 - 1.5 mrad
Beam Diameter	2 mm
Size of Laserdot	<3..5mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (5.0m)

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	Ø8x21 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	2 mm
Housing Color	black
Weight	3 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- For medical devices
- Fixed focus
- Compact size
- Laser Class 1

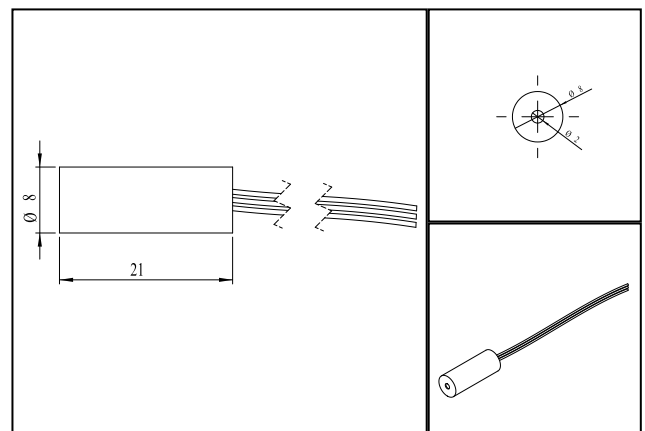
Picture



Cable color

Ground		green	GND
Positive		red	2.4 - 3, typ 3 V DC

Drawing



Safety Label



Valid Revision

| 22-FEB-2019