

Dot laser, red, 650 nm, 5 mW

DI650-5-3(8x21)-AP
Order Number: 70112566

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	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	1 - 1.5 mrad
Beam Diameter	2.5 mm
Size of Laserdot	<2.5mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 0.1 °
Focus	fixed (1000mm)

Electrical Parameters

Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.
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Mechanical Parameters

Size	Ø8x21 mm
Material	aluminium
Cable length	100 mm
Output Aperture	2.5 mm
Housing Color	silver
Weight	3 g

(*) Over the complete operating temperature range

Features



- Compact size
- Laser Class 3R
- Operating Voltage 3V DC
- Axial parallel
- Image processing

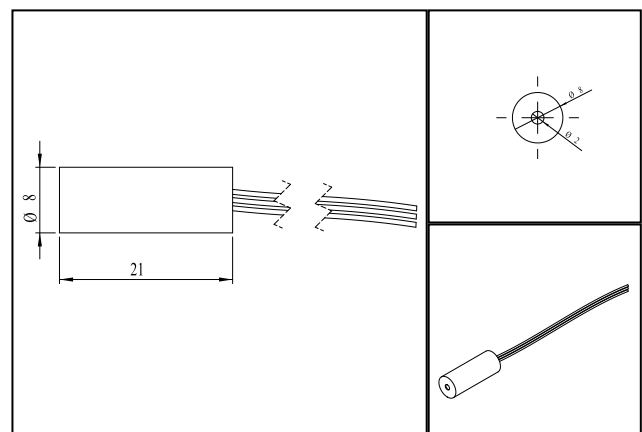
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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