

Dot laser, red, 650 nm, 1 mW

DI650-1-5(8x21)-ADJ-C150
Order Number: 70132038

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	3	5	5.5	V DC
Operating Current	10	22	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	2
Divergence	1 - 1.5 mrad
Size of Laserdot	adjustable
Operating Distance	10 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: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø8x21 mm
Material	aluminium
Cable length	150 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	2 mm
Housing Color	black
Weight	3 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 2
- Image processing
- Adjustable focus
- Compact size

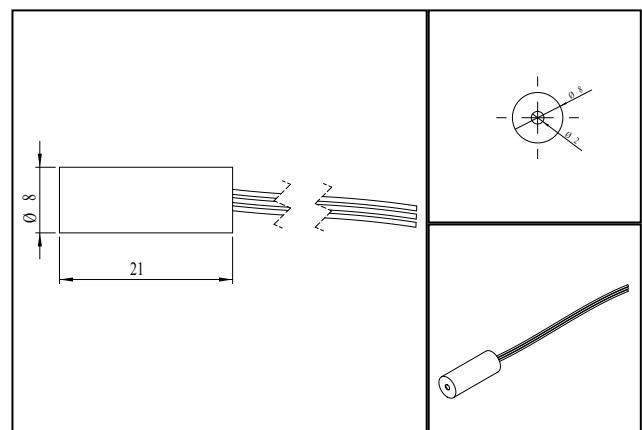
Picture



Cable color

Ground		green	GND
Positive		red	3 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 27-JAN-2022