

Dot laser, red, 650 nm, 0.4 mW

DI650-0.4-5(8x21)-ADJ-C145-JST
Order Number: 70129878

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	4.7	5	5.3	V DC
Operating Current	10	18	40	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
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
Connector	JST PHR-2 2pol 2mm
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	145 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 5V DC
- Laser Class 1
- Image processing
- Adjustable focus
- Compact size

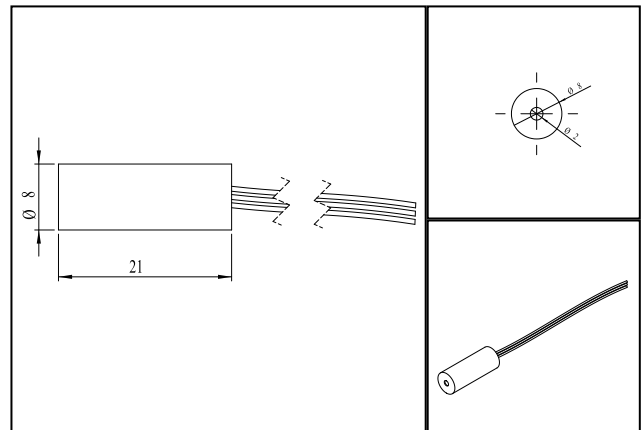
Picture



Cable color

Ground		blue	GND
Positive		red	4.7 - 5.3, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 16-JUL-2019