

Dot laser, red, 650 nm, 2.5 mW

DDI650-2.5-5(12x25)-C200
Order Number: 70125115

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	25	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	3R
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Size of Laserdot	<2..3mm@5m
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

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	Ø12x25 mm
Material	aluminium
Cable length	200 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5 mm
Housing Color	black
Weight	7 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Isolated housing
- Laser Class 3R
- Fixed focus
- Compact size

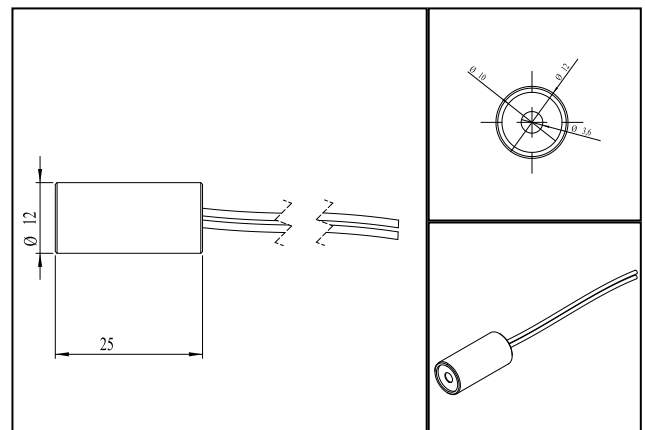
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 27-MAR-2023