

Dot laser, red, 650 nm, 1 mW

DC650-1-3(8x25)-C500-70112726
Order Number: 70112726

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	22	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	2
Divergence	C - 0.4 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: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.
Stripping of cable cover	40 mm

Mechanical Parameters

Size	Ø8x25 mm
Material	aluminium
Cable length	500 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	3.5 mm
Housing Color	black
Weight	3.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 2
- Low power consumption
- Compact size
- Adjustable focus

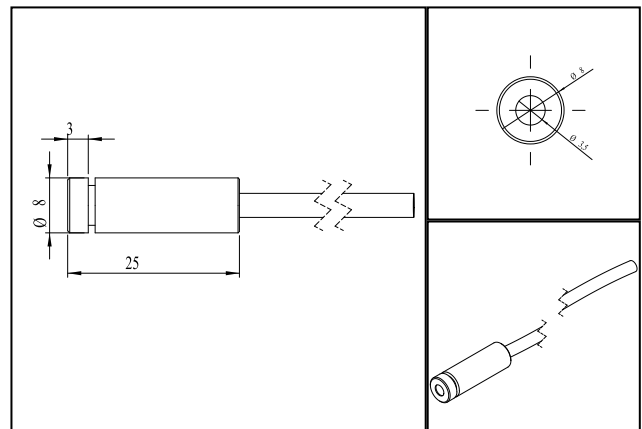
Picture



Cable color

Ground		black	GND
Positive		white	2.7 - 3.3, typ 3 V DC

Drawing



Safety Label



Valid Revision

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