

Dot laser, red, 650 nm, 1 mW

DC650-1-3(8x25)-C500
Order Number: 70114331

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	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

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 LFNT-3

Mechanical Parameters

Size	Ø8x25 mm
Material	aluminium
Cable length	500 mm
Wire type	22AWG / black,white
Output Aperture	3.5 mm
Housing Color	black
Weight	12 g
Stripping of wire	5 mm

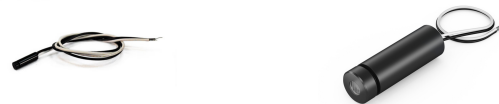
(*) Over the complete operating temperature range

Features



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

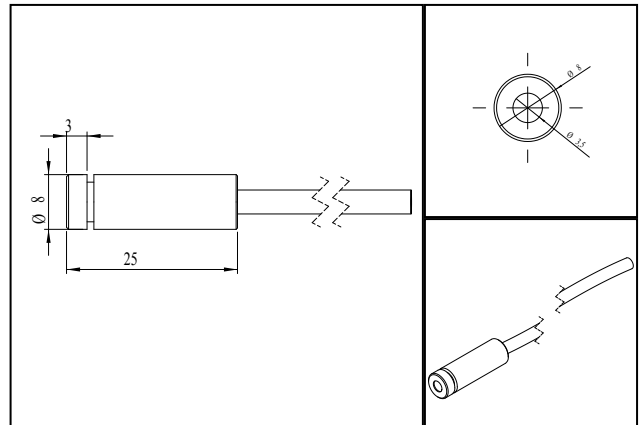
Picture



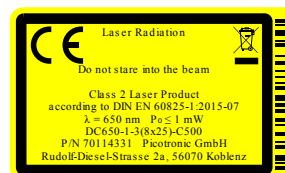
Cable color

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

Drawing



Safety Label



Valid Revision

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