

Dot laser, red, 635 nm, 5 mW

LFD635-5-3(8x23)
Order Number: 70103854

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	G - 0.8 mrad
Beam Diameter	3.5 mm
Size of Laserdot	<5..7mm@5m
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	collimated

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø8x23 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5 mm
Weight	3.5g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 3R
- Low cost
- Compact size
- Fixed focus

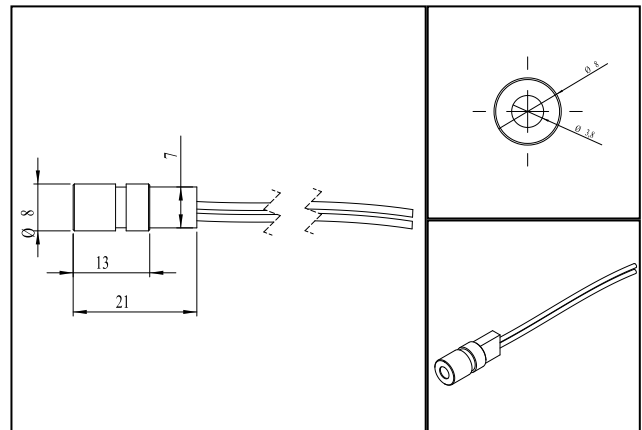
Picture



Cable color

Positive  white 2.7 - 3.3, typ 3 V DC

Drawing



Safety Label



Valid Revision

10 | 11-MAY-2022