

Dot laser, red, 650 nm, 0.75 mW

LFD650-1-12(10x22)
Order Number: 70105797

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power	0.5	0.75	1	mW
Operating Voltage	3		12	V DC
Operating Current	10	15	25	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 2
Divergence H - 1.0 mrad
Beam Diameter 3.5 mm
Size of Laserdot <4..6mm@5m
Operating Distance 5 m
Optics acryl lense
Laser technology diode
Focus fixed (5.0m)

Electrical Parameters

Potential of Housing VDD(+)
Power Supply LFNT-3

Mechanical Parameters

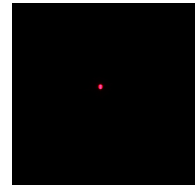
Size Ø10x22 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 3.5 mm
Weight 9 g

(*) Over the complete operating temperature range

Features

- Low power consumption
- Small package
- Operating Voltage 3-12V DC
- Laser class 2
- Low cost

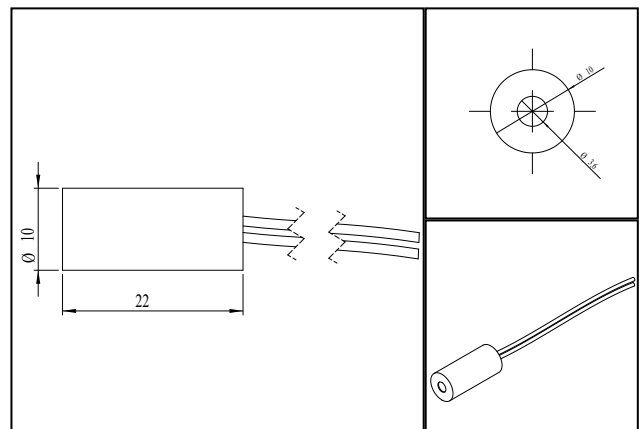
Picture



Cable color

Ground  black GND
Positive  red 3 - 12 V DC

Drawing



Safety Label



Valid Revision

13 | 10-MAY-2022

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