

Dot laser, red, 650nm, 1mW

LFD650-1-3(4x20)-6000H

Order Number: 70116090

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		1		mW
Operating Voltage	2.6	3	3.3	V DC
Operating Current	35	50	70	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>6000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	H - 1.0mrad
Size of Laserdot	3..4@4m
Operating Distance	10m
Optics	acryl lense
Laser technology	diode
Focus	fixed (4.0m)

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø4x20mm
Material	Brass
Cable length	80mm
Output Aperture	2.5mm
Weight	1g

(*) Over the complete operating temperature range

Features

- Operating Voltage 3V DC
- Laser Class 2
- Compact size
- Fixed focus
- Low cost

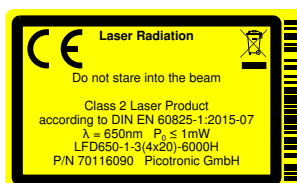
Picture



Cable Colors

Ground		black	GND
Positive		red	2.6 - 3.3, typ 3V DC

Safety Label



Revision

REV 9 | 20-NOV-2018

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