



Dot laser, red, 650 nm, 5 mW

LFD650-5-3(6x20)-6000H
Order Number: 70116120

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		5		mW
Operating Voltage	2.6	3	3.3	V DC
Operating Current	10	20	30	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	H - 1.0 mrad
Size of Laserdot	3.5@5m
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø6x20 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Weight	2.3 g
PCB	no

(*) Over the complete operating temperature range

Features



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

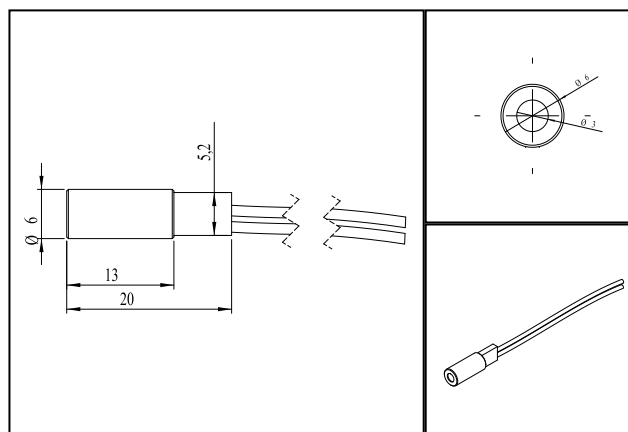
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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