



Dot laser, red, 650 nm, 3 mW

LFD650-3-3(6x20)-3000H-ADJ
Order Number: 70133578

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		3		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
----------	---------

Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
----------------------	--------

Mechanical Parameters

Size	Ø6x20 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Weight	2.2 g

(*) Over the complete operating temperature range

Features



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

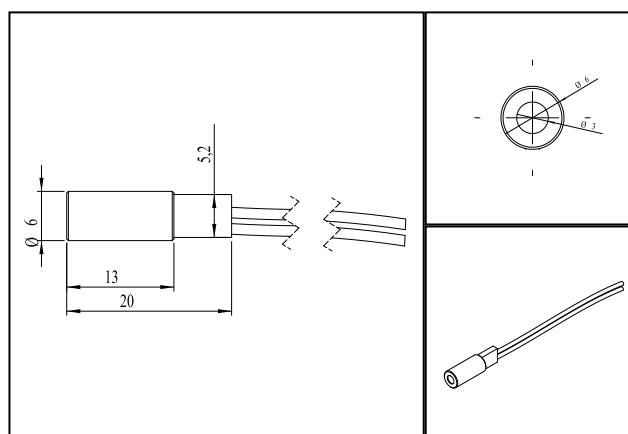
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 19-JUN-2023