

Line laser, red, 635nm, 4°, 5mW

LFL635-5-3(9x20)4DEG

Order Number: 70116250

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	4	V DC
Operating Current	25	45	70	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>3000h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	l - 1.5mrad
Fan Angle	4°
Line Thickness	3..4mm@2m
Operating Distance	2m
Optics	acryl lense
Laser technology	diode
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø9x20mm
Material	Brass
Cable length	90mm
Wire type	LIH-F/125 0,34/1,6
Output Aperture	5mm
Weight	4.5g

(*) Over the complete operating temperature range


Features

- Operating Voltage 3V DC
- Small package
- Protection lens
- Low cost
- Small fan angle

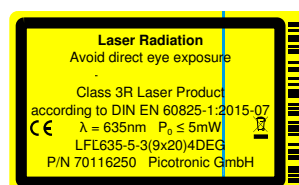
Picture



Cable Colors

Ground		black	GND
Positive		red	2.7 - 4, typ 3V DC

Safety Label



Revision

REV 1 | 23-OCT-2017