

Line laser, red, 635nm, 110°, 4mW

LH635-4-3(21x21x35)110DEG

Order Number: 70116267

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0mrad
Fan Angle	110°
Line Thickness	<1mm@2m
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	21x21x35mm
Material	aluminium
Cable length	200mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5mm
Housing Color	black
Weight	54g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features



- Fan angle 110°
- Laser Class 1
- Operating Voltage 3V DC
- Fixed focus
- Image processing

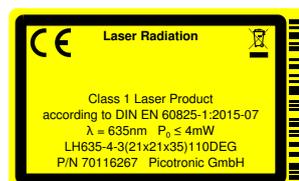
Picture



Cable Colors

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3V DC

Safety Label



Revision

REV 10 | 04-JAN-2018