

Line laser, red, 635 nm, 90°, 2.5 mW

LI635-2.5-3(8X28)-PL-F100
Order Number: 70156256

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	32	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	I - 1.5 mrad
Fan Angle	90°
Line Thickness	<0.3mm@100mm
Operating Distance	0.1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (100mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø8x28 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5.5 mm
Housing Color	black
Weight	3.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 17-JAN-2023