

Line laser, red, 650 nm, 5°, 2.5 mW

LH650-2.5-3(10x40)5DEG-F400
Order Number: 70135572

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	60	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	H - 1.0 mrad
Fan Angle	5°
Line Thickness	<0.5mm@0.4m
Operating Distance	0.4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (400mm)

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	Ø10x40 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	4.5 mm
Housing Color	black
Weight	6.3 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Image processing
- Uniform line thickness
- Compact size
- Laser Class 2M

Picture



Cable color

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

Safety Label



Valid Revision

| 10-DEC-2019