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	LFNT-3

Mechanical Parameters

Size	Ø10x40 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
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 3 V 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

Saftey Label

Valid Revision

| 10-DEC-2019

Pico Group® member

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