

Line laser, red, 658 nm, 10°, 25 mW

LH658-25-3(14x55)10DEG-F500-CON
Order Number: 70147551

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		25		mW
Operating Voltage		3		V DC
Operating Current	100	140	180	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	10°
Line Thickness	<0.2mm@0.5m
Operating Distance	0.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (500mm)

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (GND pole inner)
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	Ø14x55 mm
Material	aluminium
Cable length	100 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Low power consumption
- Uniform line thickness
- Image processing

Picture



Cable color

Ground		black	GND
Positive		white	3 V DC

Safety Label



Valid Revision

| 20-JUN-2024