

Line laser, red, 650 nm, 10 °, 8 mW

LE650-8-3(12x32)10DEG
Order Number: 70114898

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		8		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	E - 0.6 mrad
Fan Angle	10 °
Line Thickness	<1.5mm@3m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	100 mm
Output Aperture	5.5 mm
Weight	13 g

(*) Over the complete operating temperature range

Features

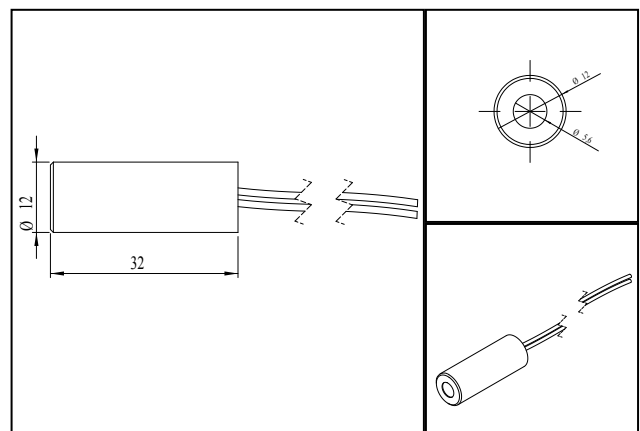


- Fan angle 10 °
- Laser Class 2M
- Uniform line thickness
- Fixed focus
- Small laser head
- Without driver

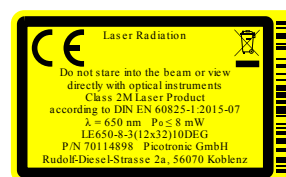
Picture



Drawing



Safety Label



Valid Revision

| 25-SEP-2020