

Line laser, red, 650 nm, 10°, 5 mW

LE650-5-5(12x32)10DEG
Order Number: 70116182

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage		5		V DC
Operating Current	15	31	45	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 E - 0.6 mrad
Fan Angle 10°
Line Thickness <1.5mm@3m
Operating Distance 5 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (3000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø12x32 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 5.5 mm
Housing Color black
Weight 13 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Small fan angle
- Compact size
- Laser Class 2M
- Operating Voltage 5V DC
- Fixed focus

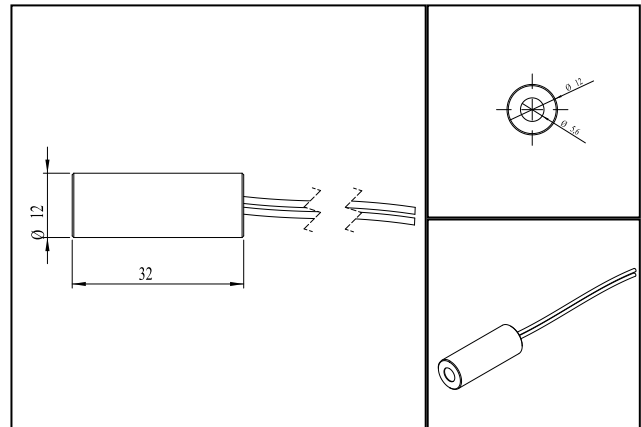
Picture



Cable color

Ground  black GND
Positive  red 5 V DC

Drawing



Safety Label



Valid Revision

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