

Line laser, red, 650 nm, 10°, 5 mW

LE650-5-3(12x32)10DEG-F70
Order Number: 70130713

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	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°
Operating Distance 0.07 m
Optics glass lens AR coated
Laser technology diode
Protection Lens yes
Focus fixed

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 Ø12x32 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5.5 mm
Housing Color black
Weight 13.5 g

(*) Over the complete operating temperature range

Features



- Small fan angle
- Compact size
- Laser Class 2M
- Operating Voltage 3V DC
- Fixed focus

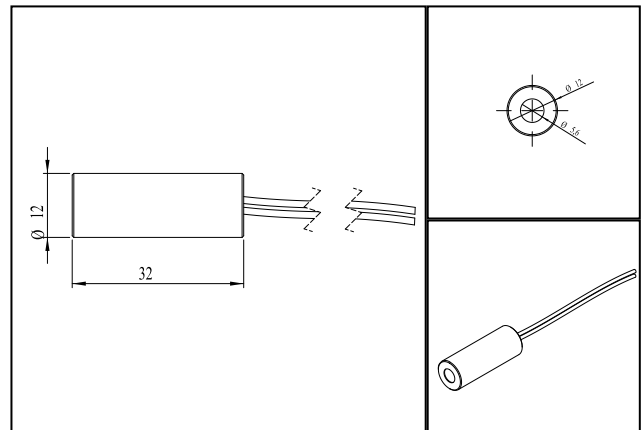
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 11-JAN-2022