

Line laser, red, 635 nm, 90°, 2.2 mW

MLD635-2.2-5(14x45)
Order Number: 70100983

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.2		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	25	45	70	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 1
Divergence D - 0.5 mrad
Fan Angle 90°
Line Thickness <1.5mm@2m
Operating Distance 2 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (2000mm)

Electrical Parameters

Max. Mod. Frequency 200 kHz
Power Supply Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø14x45 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Housing Color black
Weight 28 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features






- Operating Voltage 5V DC
- Laser Class 1
- Fan angle 90°
- Uniform line thickness
- Fixed focus

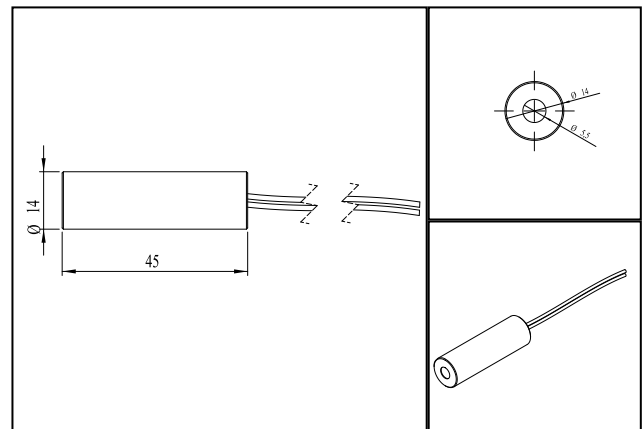
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	200 kHz

Drawing



Safety Label



Valid Revision

0 | 09-JAN-2018