

Line laser, red, 635 nm, 90°, 15 mW

LE635-15-5(14x45)90DEG-F1500
Order Number: 70122558



Picture



Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Diode Power		15		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	40	90	130	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 2
Divergence E - 0.6 mrad
Fan Angle 90°
Line Thickness <1.5mm@1.5m
Operating Distance 1.5 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (1500mm)

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size Ø14x45 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 5.5 mm
Housing Color black
Weight 7 g
Stripping of wire 5 mm

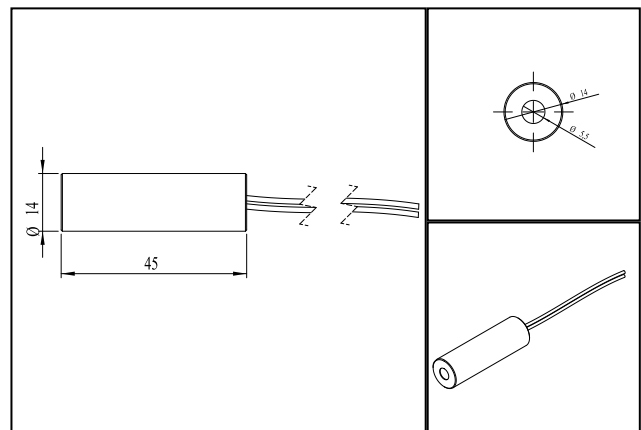
(*) Over the complete operating temperature range

Features

Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 23-JAN-2020