



Cross laser, red, 650 nm, 45 °, 5 mW

LFC650-5-12(9x20)
Order Number: 70104004

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power	2	5	5	mW
Operating Voltage	3	3	12	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Stammdaten

Warranty 1 Jahre

Technical Parameters

Lifetime >3000 h
RoHS yes

Optical Parameters

Beam Shape Cross
Laser Class 1
Divergence H - 1.0 mrad
Fan Angle 45 °
Line Thickness <1.2mm@1m
Operating Distance 1 m
Optics acryl lense
Laser technology diode
Focus fixed (1000mm)
Verticality < ±1 °

Electrical Parameters

Potential of Housing VDD(+)
Power Supply LFNT-3

Mechanical Parameters

Size Ø9x20 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Weight 6 g

(*) Over the complete operating temperature range

Features

- Laser Class 1
- Operating Voltage 3-12V DC
- Low cost
- Compact size
- Fixed focus

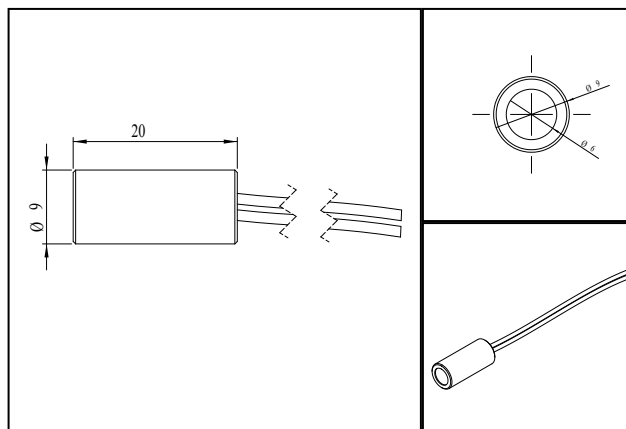
Picture



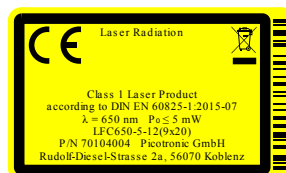
Cable color

Ground black GND
positive red 3 - 12, typ 3 V DC

Drawing



safety label



Valid Revision

REV 21 | 29-JUL-2020