

Line laser, red, 650 nm, 90 °, 5 mW

LFL650-5-12(10x22)90
Order Number: 70105773

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	3	5	5	mW
Optical Diode Power	2		5	mW
Operating Voltage	3		12	V DC
Operating Current	10	15	25	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 3,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 1
Divergence H - 1.0 mrad
Fan Angle 90 °
Line Thickness <1.2mm@1m
Operating Distance 1 m
Optics acryl lense
Laser technology diode
Focus fixed (1000mm)

Electrical Parameters

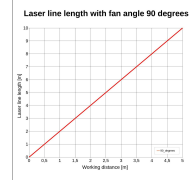
Potential of Housing VDD(+)
Power Supply LFNT-3

Mechanical Parameters

Size Ø10x22 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 6 mm
Weight 9 g

(*) Over the complete operating temperature range

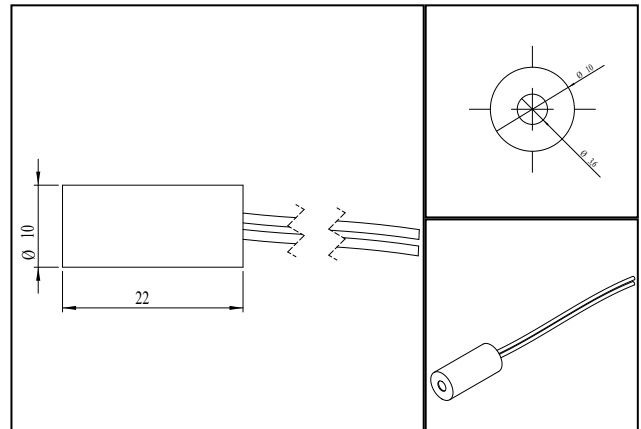
Picture



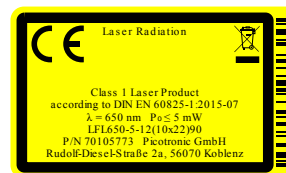
Cable color

Ground black GND
Positive red 3 - 12 V DC

Drawing



Safety Label



Valid Revision

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