

Line laser, red, 650nm, 37°, 5mW

LD650-5-5(12x34)37-F200

Order Number: 70107258

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	31	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5mrad
Fan Angle	37°
Line Thickness	<0.3mm@0.2m
Operating Distance	0.2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (200mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø12x34mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 5V DC
- Laser Class 1
- Fixed focus
- Fan angle 37°
- Compact size

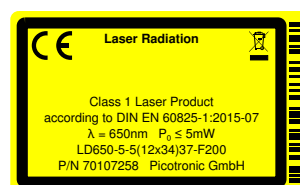
Picture



Cable Colors

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

Safety Label



Revision

REV 6 | 29-JAN-2016