

Red Line Lasermodule

LI650-2.8-5(9x22)-PL-C210

Order Number: 70115710

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.8		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	24	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	1
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (1000mm)

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø9x22mm
Material	aluminium
Cable length	210mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	4.25mm
Housing Color	black
Weight	4g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features




- Operating Voltage 5V DC
- Laser Class 1
- Fan angle 90°
- Compact size

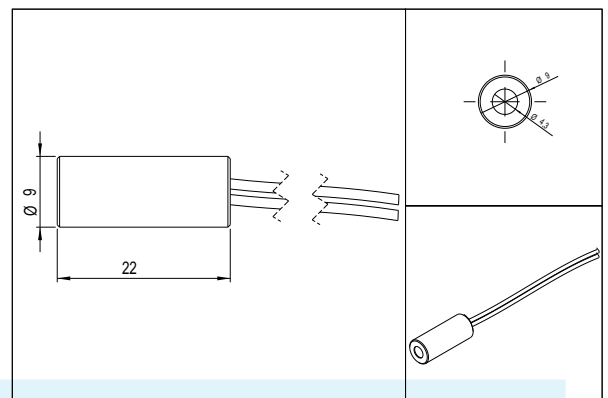
Picture



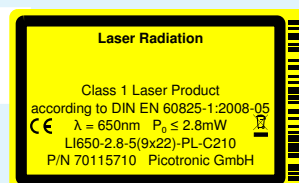
Cable Colors

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

Drawing



Safety Label



Revision

REV 4 | 16-JUL-2014