Dot laser, red, 650 nm, 0.4 mW

DI650-0.4-3(8x21)
Order Number: 70104264

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	I - 1.5 mrad
Beam Diameter	2 mm
Size of Laserdot	<3..5mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (5.0m)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø8x21 mm
Material	aluminium
Cable length	100 mm
Output Aperture	2 mm
Housing Color	black
Weight	3 g

(*) Over the complete operating temperature range

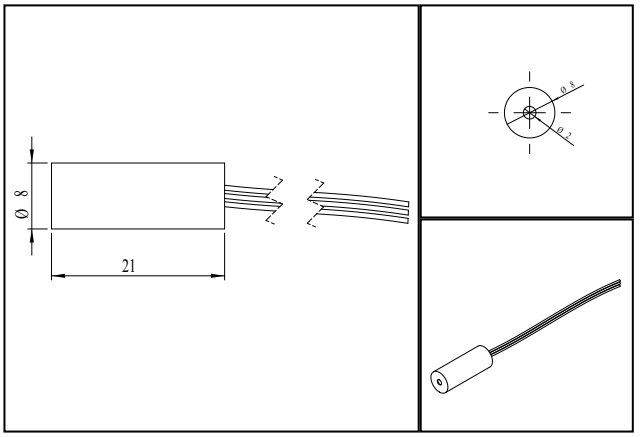
Features

Picture

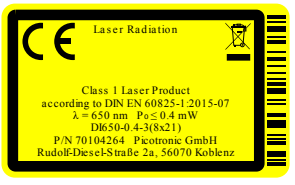
Cable color

Ground	blue	GND
Positive	red	2.7 - 3.3, typ 3 V DC

Drawing



Saftey Label



Valid Revision

3 | 10-DEC-2021

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