

Dot laser, red, 650 nm, 0.5 mW

DI650-0.5-5-F100
Order Number: 70103960

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	25	40	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Stammdaten

Warranty	1 Jahre
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Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	1 - 1.5 mrad
Size of Laserdot	<0.3mm@0.1m
Operating Distance	0.1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (100mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø8x21 mm
Material	aluminium
Cable length	100 mm
Output Aperture	2 mm
Weight	2.6 g

(*) Over the complete operating temperature range

Features



- Glas lenses anti reflex coated
- Laser Class 2
- Operating Voltage 5 V DC
- Fixed focus

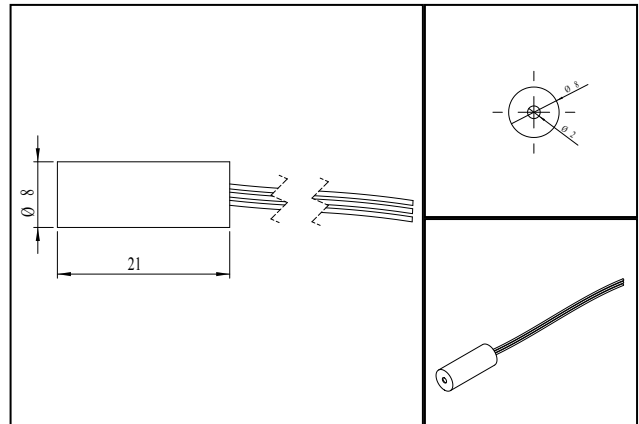
Picture



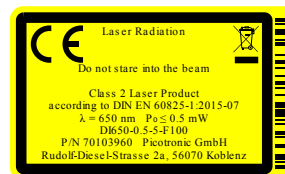
Cable color

Ground		green	GND
positive		red	4.5 - 5.5, typ 5 V DC

Drawing



safety label



Valid Revision

REV 3 | 28-OCT-2015