

Dot laser, red, 635 nm, 0.4 mW

DI635-0.4-3(8x17)-AP
Order Number: 70118278

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	1 - 1.5 mrad
Beam Diameter	2 mm
Size of Laserdot	<3..5mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 0.1°
Focus	collimated

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø8x17 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	2 mm
Housing Color	silver
Weight	3 g
PCB	yes
PCB size	Ø8x8 mm

(*) Over the complete operating temperature range

Features



- Axial parallel
- Glas lenses anti reflex coated
- Compact size
- Laser Class 1
- Operating Voltage 3V DC

Picture



Cable color

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

Safety Label



Valid Revision

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