Dot laser, red, 635 nm, 0.3 mW

DP635-0.3-5(10.6x12.2)-F50
Order Number: 70140927

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	0.2	0.3	0.39	mW
Operating Voltage	3	5	6	V DC
Operating Current	10	30	40	mA
Operating Temperature	-10		50	°C
Storage Temperature	-20		60	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	P - 5.0 mrad
Size of Laserdot	0.05x0.04mm@0.05m
Operating Distance	0.05 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (50mm)

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø10.6x12.2 mm
Material	Brass
Cable length	115 mm
Wire type	26AWG, UL, isolated
Output Aperture	5 mm
Housing Color	brass
Weight	5 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features

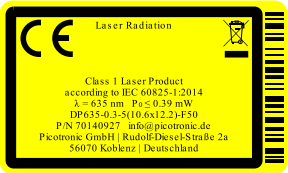
- Compact size
- Laser Class 1
- Low power consumption
- Operating Voltage 3-6V DC

Picture

Cable color

Ground		black	GND
Positive		red	3 - 6, typ 5 V DC

Saftey Label



Valid Revision

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