

Dot laser, red, 635 nm, 5 mW

QD635-5-6(10x25)-F400-C180-C
Order Number: 70113228

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	6	V DC
Operating Current		50		mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	H - 1.0 mrad
Beam Diameter	2 mm
Size of Laserdot	<1x2mm@0.4m
Operating Distance	0.4 m
Optics	acryl lense
Laser technology	diode
Axial Divergence	± 1.4 °
Focus	fixed (400mm)

Electrical Parameters

Potential of Housing	VDD(+)
Connector	GD2.5 2pol

Mechanical Parameters

Size	Ø10x25 mm
Material	Brass

Cable length	180 mm
Wire type	26AWG, 0,14mm²
Output Aperture	2.5 mm
Weight	11 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Low power consumption
- Low cost
- Compact size
- Fixed focus

Picture



Cable color

Ground		black	GND
Positive		red	2.7 - 6, typ 3 V DC

Safety Label



Valid Revision

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