

Dot laser, infrared, 850 nm, 0.3 mW

DC850-0.3-6(10x27)
Order Number: 70137293

Main Parameters (*)	min	typ	max	Unit
Wavelength		850		nm
Optical Output Power	0.25	0.3	0.4	mW
Operating Voltage	5.4	6	6.6	V DC
Operating Current	5	12	20	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	1
Divergence	C - 0.4 mrad
Size of Laserdot	adjustable
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Power Supply	Power Supply 6V DC with 2.1x5.5mm Connector
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Mechanical Parameters

Size	Ø10x27 mm
Material	Stainless Steel
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	4 mm
Housing Color	silver
Weight	10 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



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

Picture



Cable color

Ground		blue	GND
Positive		red	5.4 - 6.6, typ 6 V DC

Safety Label



Valid Revision

| 09-JUN-2021