

Dot laser, infrared, 850 nm, 45 mW

E850-45-5(22x27)
Order Number: 70141184

Main Parameters (*)	min	typ	max	Unit
Wavelength	840	850	860	nm
Optical Output Power	40	45	49	mW
Operating Voltage	4	5	6	V DC
Operating Current	80	95	110	mA
Operating Temperature	-10		50	°C
Storage Temperature	-20		60	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	1M
Size of Laserdot	2m@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Multi Mode Diode
Focus	fixed (10.0m)

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	Ø22x27 mm
Material	Brass

Cable length	115 mm
Output Aperture	12.5 mm
Housing Color	brass
Weight	50 g

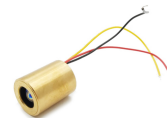
(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Compact size
- Laser Class 1M
- High Power

Picture



Cable color

Ground		black	GND
Positive		red	4 - 6, typ 5 V DC

Safety Label



Valid Revision

| 08-APR-2021