

Dot laser, red, 635 nm, 1 mW

DE635-1-3-F-S(22x100)
Order Number: 70119534

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°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	2
Divergence	E - 0.6 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

Mechanical Parameters

Size	Ø22x100 mm
Material	aluminium
Output Aperture	6 mm
Housing Color	black
Weight	77.7 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 2
- Adjustable focus
- Low power consumption
- With battery

Picture



Safety Label



Valid Revision

| 05-JUL-2024