

Line laser, infrared, 850 nm, 45°, 5 mW

LE850-5-3-F-S(22x100)45DEG
Order Number: 70123777

Main Parameters (*)	min	typ	max	Unit
Wavelength		850		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	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	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle	45°
Line Thickness	adjustable
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

Mechanical Parameters

Size	Ø22x100 mm
Material	aluminium
Output Aperture	4.5 mm
Housing Color	black
Weight	78 g
Protection Class	IP 50

(*) Over the complete operating temperature range

Features



- Image processing
- Laser Class 1
- Operating Voltage 3 V DC
- Adjustable focus
- Glas lenses anti reflex coated
- BATT-CR123A

Picture



Safety Label



Valid Revision

| 05-JUL-2024