

Dot laser, red, 650 nm, 1 mW

DC650-1-4.5(14x64)-S-AP
Order Number: 70116076

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage		4.5		V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape Dot
Laser Class 2
Divergence C - 0.4 mrad
Beam Diameter 3 mm
Size of Laserdot <3mm@5m
Operating Distance 5 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Axial Divergence $\pm 0.6^\circ$
Focus fixed (5.0m)

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size $\varnothing 14 \times 64$ mm
Material aluminium
Output Aperture 3.5 mm
Housing Color black
Weight 21 g

(*) Over the complete operating temperature range

Features

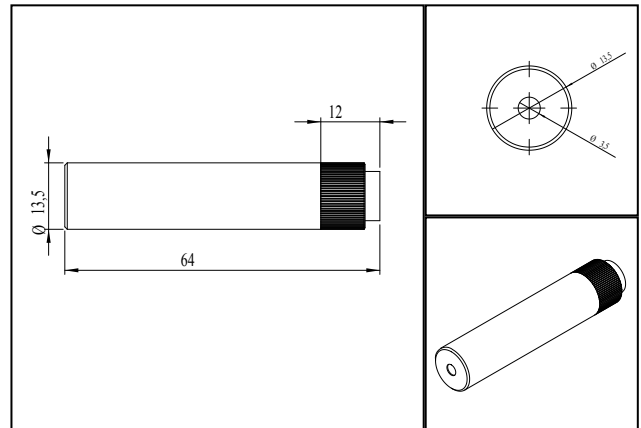


- Axial parallel
- With battery
- Glas lenses anti reflex coated
- Compact size
- Laser Class 2

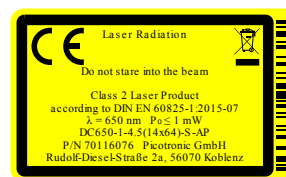
Picture



Drawing



Safety Label



Valid Revision

10 | 28-JUN-2022

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