

Dot laser, red, 650 nm, 1 mW

DC650-1-3(20x20x80)-S-AP
Order Number: 70120226

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	20	35	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
----------	---------

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	C - 0.4 mrad
Beam Diameter	4 mm
Size of Laserdot	5mm@20m
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Axial Divergence	$\pm 0.2^\circ$
Focus	collimated

Electrical Parameters

Potential of Housing	VDD(+)
Battery	LR44/AG13 alkaline battery, 1.5V
Battery count	2

Mechanical Parameters

Size	20x20x80 mm
Material	aluminium
Output Aperture	5 mm
Housing Color	black
Weight	98 g

(*) Over the complete operating temperature range

Features



- Laser Class 2
- Operating Voltage 3V DC
- Compact size
- Fixed focus
- Glas lenses anti reflex coated

Picture



Safety Label



Valid Revision

| 23-JUL-2020