

Dot laser, green, 532 nm, 1 mW

DA532-1-3(20x95)-01607
Order Number: 70104868

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	80	180	280	mA
Operating Temperature	15		30	°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	Dot
Laser Class	2
Divergence	0.2 mrad
Beam Diameter	9 mm
Size of Laserdot	9.5@40m
Operating Distance	100 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	collimated
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø20x95 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	8 mm
Housing Color	black
Weight	63 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 2
- Fixed focus
- Large operating range
- Isolated housing

Picture



Cable color

Ground		black	GND
positive		red	2.7 - 3.3, typ 3 V DC

Safety Label



Valid Revision

2 | 21-APR-2021