

Dot laser, green, 532 nm, 1 mW

DA532-1-3(20x95)
Order Number: 70100037

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	85	200	370	mA
Operating Temperature	15		30	°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	A - 0.1 mrad
Beam Diameter	9 mm
Size of Laserdot	<9.5mm@40m
Operating Distance	150 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	collimated
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

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	75 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V 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

12 | 26-JUN-2020