

Dot laser, green, 532nm, 1mW

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

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.2mrad
Beam Diameter	9mm
Size of Laserdot	9.5@40m
Operating Distance	100m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	collimated
Warm up time	<15min

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø20x95mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	8mm
Housing Color	black
Weight	63g
Stripping of wire	5mm

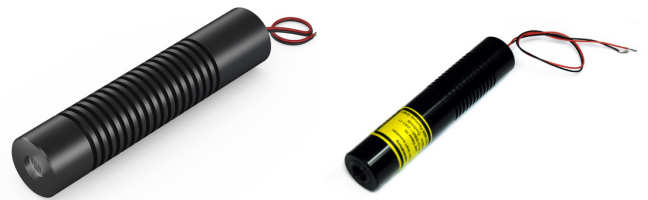
(*) Over the complete operating temperature range

Features




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

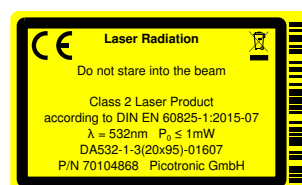
Picture



Cable Colors

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

Safety Label



Revision

REV 2 | 22-JAN-2016