

Dot laser, green, 532 nm, 30 mW

DOE-D532-30-3-F(20x90)
Order Number: 70121490

Main Parameters (*)	min	typ	max	Unit
Wavelength	527	532	537	nm
Optical Output Power	25	30	35	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	200	300	400	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	3B
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	50 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 10% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

Stripping of cable cover	50 mm
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Mechanical Parameters

Size	Ø20x90 mm
Material	aluminium
Cable length	200 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	50 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Safety Label



Valid Revision

| 05-JUN-2019