Dot laser, green, 532 nm, 1 mW

DD532-1-3-F(12X50)-CON
Order Number: 70193152

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	50	150	300	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	2M
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable working distance
Operating Distance	50 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (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

Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	3.5 mm
Housing Color	black
Weight	16 g

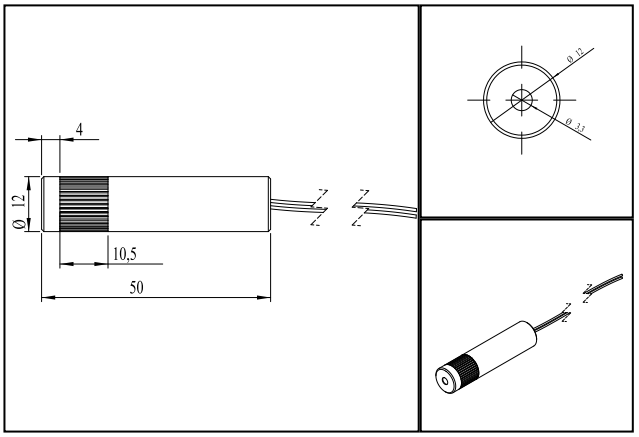
(*) Over the complete operating temperature range

Picture

Cable color

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

Drawing



Safety Label

Valid Revision

| 27-FEB-2026

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