

Dot laser, green, 532 nm, 5 mW

MD532-5-5-F(22x80)
Order Number: 70114904

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	100	250	300	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	3R
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	1 kHz

Power Supply with
stripped/tinned wires, Output:
5V DC, Input: 100-240V AC, 50-
60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø22x80 mm
Material	aluminium
Cable length	100 mm
Output Aperture	5 mm
Weight	16 g

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Operating Voltage 5V DC
- Compact size
- Glas lenses anti reflex coated
- Adjustable focus

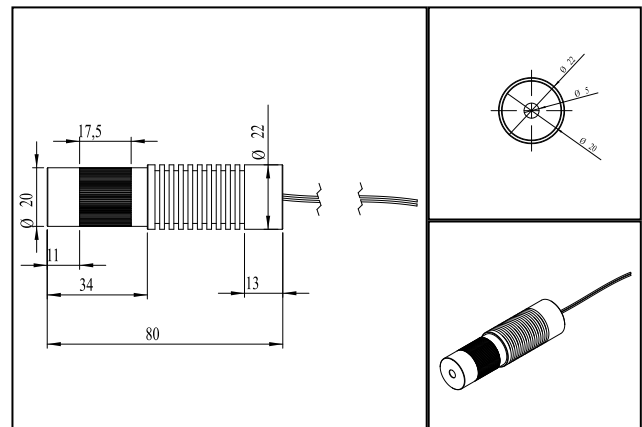
Picture



Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	1 kHz

Drawing



Safety Label



Valid Revision

| 05-JUL-2022