

Dot laser, infrared, 808 nm, 350 mW

MH808-350-5(22x65)
Order Number: 70109023

Main Parameters (*)	min	typ	max	Unit
Wavelength		808		nm
Optical Output Power		350		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	250	500	750	mA
Operating Temperature	-20		50	°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	3B
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	20 kHz

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

Mechanical Parameters

Size	Ø22x65 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	44 g

(*) Over the complete operating temperature range

Features



- Adjustable focus
- High Power
- Modulated
- Operating Voltage 5V DC
- Laser Class 3B

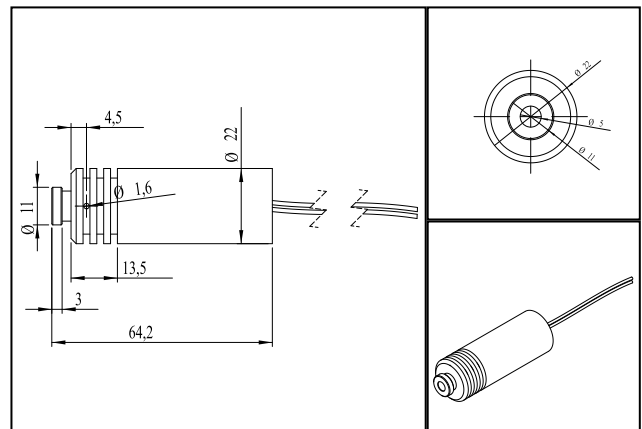
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	20 kHz

Drawing



Safety Label



Valid Revision

8 | 18-JUN-2024