

Dot laser, infrared, 808 nm, 300 mW

MH808-300-24(16X70)
Order Number: 70181654

Main Parameters (*)	min	typ	max	Unit
Wavelength		808		nm
Optical Output Power		300		mW
Operating Voltage	23.3	24	24.7	V DC
Operating Current	100	150	200	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 8,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	H - 1.0 mrad
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.

Mechanical Parameters

Size	Ø16x70 mm
Material	aluminium
Cable length	200 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5 mm
Housing Color	black
Weight	35 g

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	23.3 - 24.7, typ 24 V DC
Modulation		yellow	

Safety Label



Valid Revision

| 24-OCT-2024