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CW589H

- Yellow Diode Pumped Laser Module
- 589 nm, 1-80 mW
- 3 VDC
- CE certified



Description

CW589H is a series of **yellow** diode pumped solid-state laser modules, emitting at typically **589 nm**, with 3 VDC supply voltage. It is RoHS compliant, CE certified, and comes with a **6 months warranty**. An additional external heat sink is required for operation.

Electro-Optical Characteristics

Parameter	Values	Unit
Wavelength	589	nm
Output Power	1...80	mW
Operating Mode	CW	
Transverse Mode	TEM ₀₀	
Beam Divergence (full angle)	~ 1.5	mrad
Beam Diameter at the aperture (1/e ²)	~ 1.5	mm
Operating Temperature	10 - 30	°C
Supply Voltage*	3	VDC
Current Draw	<1 (10mW), <2 (30-80mW)	A
Expected Lifetime	10000	hours

* Housing electrically connected to + 3 VDC



Outline Dimensions

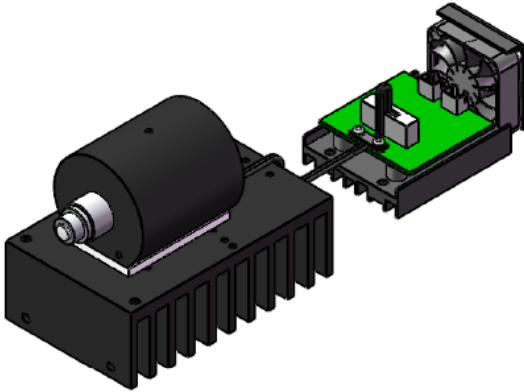
Laser module





Accessories

Heat Sink CWH-HSTEC5



- Temperature controlled heat sink
- 5 VDC
- TEC
- Thermistor
- Fan

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