LEM Series Red Laser Point Module

Part No: LEM-2060-53xx-GP

Picture

Product Features

High Stability and low noise
Collimated or Adjustable focus beam
Reverse Polarity Protection
Custom Options Available

Application

Measurement
Optical Instrument
Automation
Alignment
Point Mark

Specification

OPTICAL	
Wavelength	532 nm
Optical Output Power [1]	<10mW or < 5 mW or <1mW
Stability	<1%
Wavelength Drift	0.2nm/°C
Noise (20MHz Bandwidth)	<0.5% RMS
Laser Operation	Continuous
Laser Structure	DPSS from 808nm
Focus Lens	Glass Lens
Beam Divergence	<1.4mrad
ELECTRICAL	
Operating Voltage [2]	3.3 ~ 5 VDC
Operating Current	<400 mA
Control Circuit	Auto Power Control
Electrical Connections	+Red, -Black
MECHANICAL	
Dimension	Ø20x60mm
Cable [3]	60mm
Operating Temperature	+20ºC to +30℃
Storage Temperature	-40ºC to +80°C

Notes

1. Please advise output power in advance, we can release Class II (under 1mW) or Class IIIa (under 5mW) or Class III (under 10mW) for different market.
2. Output is fixed when input power from 3.3 to 5 VDC.
3. Standard cable length is 60mm, there are 100/150/200mm or with connector for your special need.

Caution: The case is internally connected to the circuit, damage to the cooper surface may result in failure of the laser module.

Model Number Definition:

LEM-__ __ __ __ - __ __ __ __ - ___ ___ ___

diameter	total length	wavelength	output	lens	beam	angle
65:6.5mm	20:20mm	50:650nm	01:0.8mW	G:glass	P:point	
80:8.0mm	23:23mm	35:635nm	05:5mW	S:plastic	L:line	1:5°
10:10mm	27:27mm	53:532nm	10:10mW			2:20°
11:11mm	32:32mm		20:20mW			3:30°
12:11.5mm	35:35mm					6:60°
						9:90°

Operational Hazard-Semiconductor Laser Diode Module: This laser module emits radiation that is visible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

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