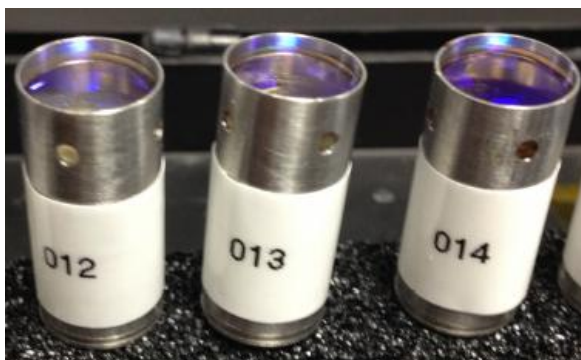


1mW 830nm Collimated VCSEL Module Model PCW-TO-001-W0830-0.5



Specifications

Parameter	TO-830nm-1mW-0.5mrad
Wavelength	820-840nm
Driving Current	0.5-4mA
Compliance Voltage	1.7.-2.3V
Output Power	0-1.5mW
Beam Diameter* at 0 meter	3.65mm
Beam Diameter* at 16 meter	<9.0 mm
Beam Diameter* at 32 meters	<16.0 mm
Divergence	<0.39mrad
Operating Temperature	10-50°C

* Beam Diameter is defined as $1/e^2$ intensity diameter

** Full Angle Divergence

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Laser diode product components are intended for use in a user-devised end system. However, these products are capable of emitting Class IIIB radiation. Extreme care must be exercised during their operation. Only persons familiar with the appropriate safety precautions should operate a laser product. Directly viewing the laser beam or exposure to specular reflections must be avoided. Serious injury may result if any part of the body is exposed to the beam. The eye is extremely sensitive to the infrared radiation and therefore, proper eye-wear must be worn at all times. Use of optical instruments with these products may increase eye hazard. Always wear eye protection when operating.



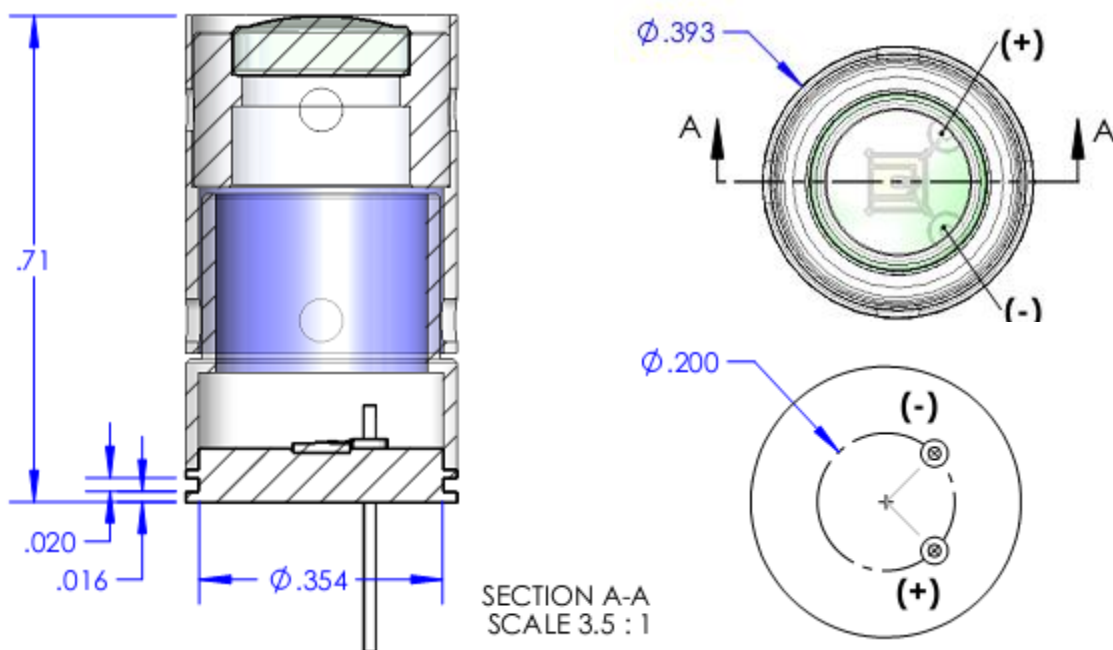
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1mW 830nm Collimated VCSEL Module Model PCW-TO-001-W0830-0.5

Mechanical Drawing

Size: 0.71" (18mm) L x 0.393" (10mm) Dia.



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