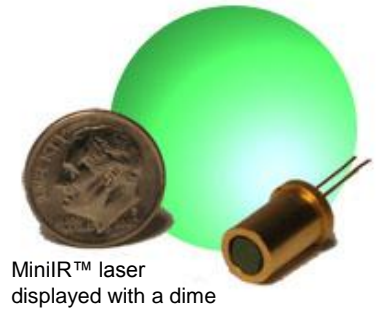


MiniIR™ Series

Rugged miniature DPSS laser packaged in a standard semiconductor can for integration flexibility, reliability, and high-tolerance to G forces

Features:

- Can size Ø9.0 mm
- Alignment-free optical design
- High electro-optic efficiency



Optical Specifications ¹	MiniIR™ 350
Operating Mode	CW
Output Power (mW)	> 350
Output Center Wavelength (nm)	1064
Polarization Ratio (typ.)	>250:1
Full Angle (1/e ²) Divergence (mrad, typ.)	13
Beam Diameter (1/e ²) at Output Window (µm, typ.)	108
Mode Quality (M2, typ.)	1.5
Noise (% RMS)	< 2

Electrical Input Requirements	
Voltage (V)	< 1.8
Current (A)	< 1.3
Electrical Power (W)	< 2.9

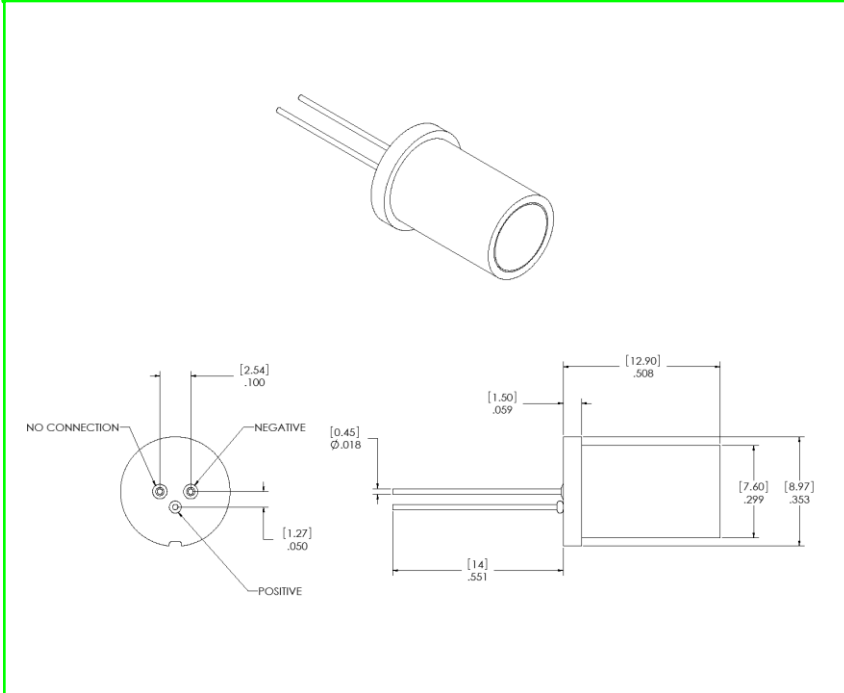
Other Specifications	
CDRH Class	IIIB
Warm-up Time ² (minutes)	< 5
Storage	- 40 to + 80
Warranty (year)	1

Specifications subject to change without notice. Other notes:

1. All specifications measured at factory-determined laser drive current and temperature settings, chosen within the 20 to 30 °C range using a temperature-controlled heat sink. Higher temperature settings available with reduced output power specifications.

2. Depends on thermal management

Mechanical Specifications



Notes

Snake Creek Lasers offers a limited warranty.

The MiniIR™ Laser is an electronic device, and, as such, subject to damages due to electro-static discharge, overpowering, and transients.

Thermal management of the MiniIR™ Laser must be included in the OEM design. Failures due to inadequate thermal management will void the warranty.

Please refer to Snake Creek Lasers' Warranty Statement / Return Policy for details. For assistance in any integration issues, please contact our experienced Applications Team at info@snakecreeklasers.com

U.S. and international patents pending.

Class IIIB <500 mW



LASER RADIATION
AVOID DIRECT EYE EXPOSURE
Maximum Output < 500 mW
Laser Wavelength 1064 nm
CLASS IIIB LASER PRODUCT

This product is sold as an OEM laser product and does not fully comply with 21 CFR 1020 and IEC 60825-1 : 1993 as applicable.



61 Railroad Ave.
Hallstead, PA 18822
Telephone: 570-879-4992
Fax: 570-879-0912
www.snakecreeklasers.com