



Stacked Array with Internal Gratings

Features

- Accurate center wavelength 1532.5 ± 1 nm
- Narrow linewidth: < 2 nm FWHM
- Stabilized spectrum: Reduced sensitivity to temperature

Benefits

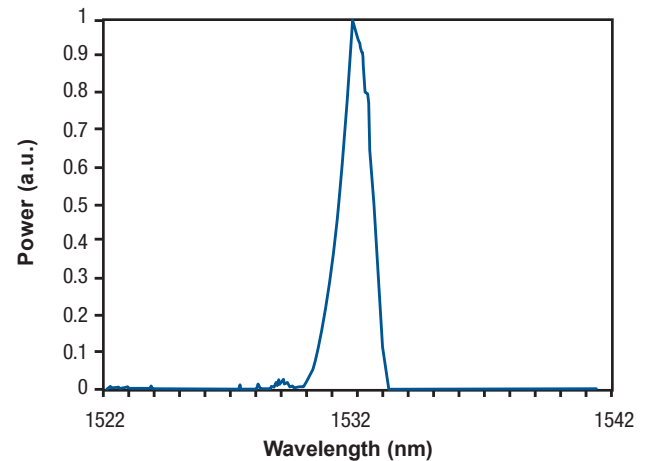
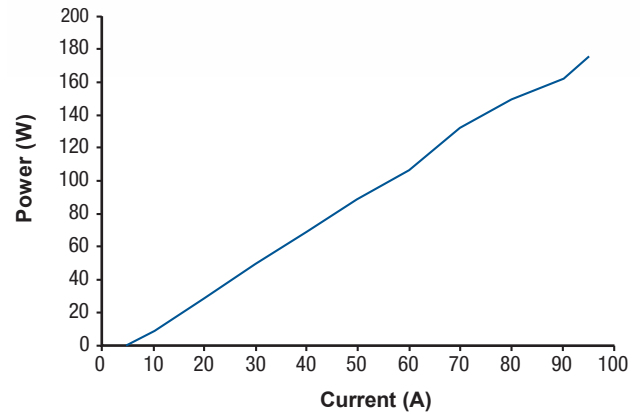
- Increased pumping efficiency for Er:YAG
- Reduced thermal requirements of system
- Eliminates costly external optical components

Applications

- Industrial and medical: Pumping of fiber and solid state Er:YAG lasers
- Defense and security: High energy lasers at eye-safe wavelengths



Part Number	ES-146
Center wavelength	1532.5 nm
Wavelength tolerance	± 1 nm
Spectral Width (FWHM)	< 2.0 nm
Output Power	30 W/bar
Operating Current	< 95 A
Operating Voltage	< 1.5 V/bar
Wavelength Temp Coefficient	< 0.15 nm/ $^{\circ}$ C
Slow Axis Divergence (FWHM)	< 12 deg
Fast Axis Divergence (FWHM)	< 30 deg
Water Temperature	20 $^{\circ}$ C
Number of bars	6,10 standard



BRIGHTNESS and POWER
Breaking Performance Barriers through Semiconductor Laser Innovation

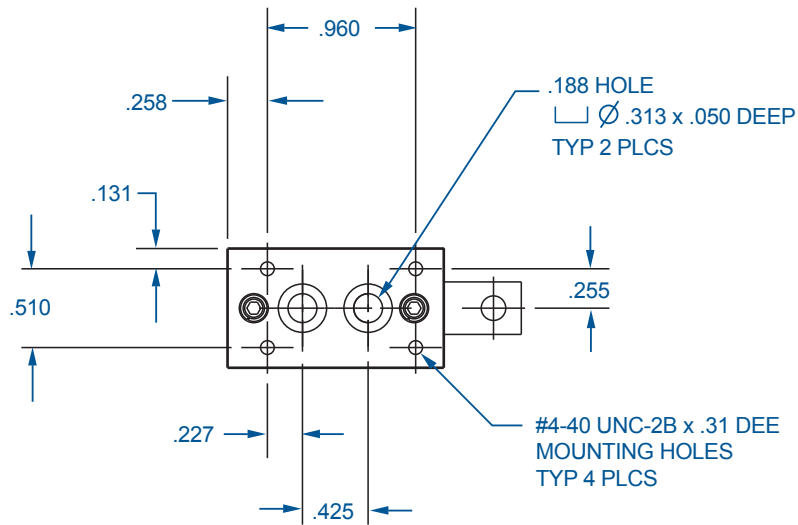
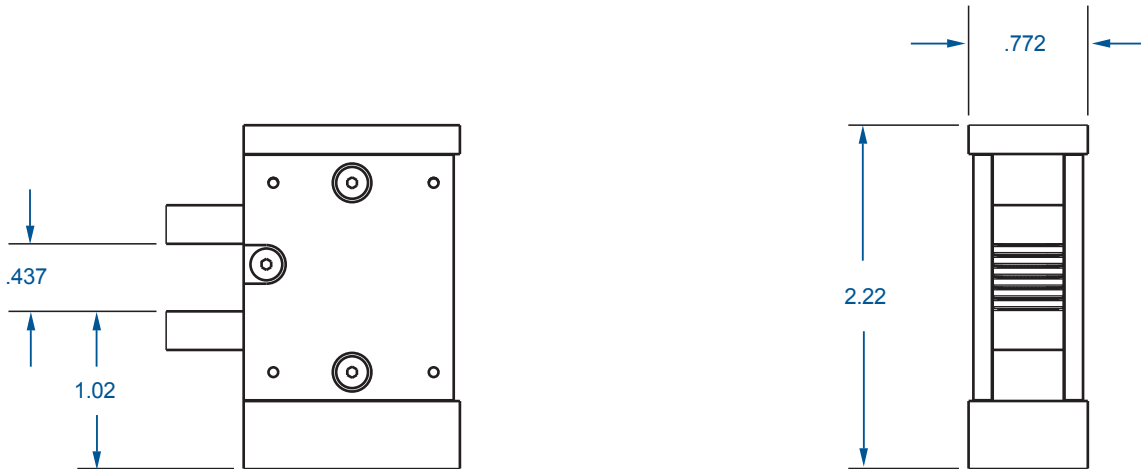
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光技術をサポートする
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