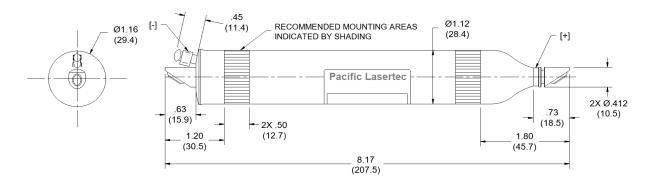


## 632.8nm (RED) HELIUM NEON LASER MODEL: 05-LHB-294

OUTPUT SPECIFICATIONS		
Minimum CW Power Output (W):*		See Note
Wavelength (nm)		632.8
Transverse Mode		N/A
Polarization		Linear > 500:1
Beam Diameter at 1/e <sup>2</sup> Points		N/A
Beam Divergence (mrad)		N/A
Longitudinal Mode Spacing (MHz)		N/A
Mode Sweeping		N/A
Long Term Power Drift (8 hrs)		N/A
Amplitude Noise, 30 Hz to 30 MHz (peak-to-peak)		N/A
Warmup to > 95% of Maximum Power (minutes)		N/A
Beam Position Drift From Cold Start (mrad)		N/A
Beam Position Drift After 15 Minute Warmup (mrad)		N/A
ELECTRICAL SPECIFICATIONS		
Start Voltage (kVdc)		< 8
Recommended Operating Current (mA)		4.0 ± 0.2
Operating Voltage (VDC)		1350 ± 100
Recommended Power Supply	05-LPM-900-040 (AC)	05-LPM-800-040 (DC)
ENVIRONMENTAL SPECIFICATIONS	OPERATING	NON-OPERATING
Temperature (°C)	-20 to +40	-40 to +80
Altitude (meters)	0 to 3000	0 to ∞
Relative Humidity (%, non-condensing)	0 to 99%	0 to 99%
Mechanical Shock (g)	< 1 for < 11 msec	< 25 for < 11 msec

Please contact factory for other options. Specifications are subject to change without notice. Not CDRH certified.

<sup>\*</sup>Note: 1.0mW with flat H.R. mirror (L01003-1) and 45cm O.C. mirror (L01002-1) spaced 340mm apart.



Dimensions in Inches (mm)

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< 100 for < 1 msec