

MIL-W-1105/500mW~4000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1105 nm

All solid state 1105nm infrared laser is made features of high power, good beam quality and easy operating, which is widely used in material processing, scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.

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| Wavelength (nm) | 1105±2 |
| Operating mode | CW |
| Output power (W) | >500, 1000, ..., 4000 |
| Power stability (rms, over 4 hours) | <3%, <5% |
| Beam divergence, full angle (mrad) | <4 |
| Beam diameter at the aperture (1/e ² ,mm) | <3 |
| Beam height from base plate (mm) | 93.5 |
| Warm-up time (minutes) | <10 |
| Operating temperature (°C) | 15~30 |
| Power supply (90-264VAC) | PSU-W-FDA |
| Expected lifetime (hours) | 10000 |
| Warranty period | 1 year |



| MIL-W-1105 | PSU-W-FDA |
|---|--|
| <p>344.5 (L) × 140 (W) × 124.3 (H) mm³, 5.7 kg</p> | <p>307 (L) × 168(W) × 123(H) mm³, 4.5kg</p> |