

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT 808nm

YN-W-808

Product Description:

ALL Diode infrared laser module at 808nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.

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| 1 | 型号 Model No. | LSR808H |
| 2 | 波长 Wavelength | 808 (+/-5) nm |
| 3 | 光斑模式 Spatial Mode | Multimode |
| 4 | 工作方式 Operating mode | CW or Modulation |
| 5 | 偏振方向 Polarization | 10:01 |
| 6 | 输出功率 Output power | 5W, 6W, 7W, 8W, 10W |
| 7 | 光束直径 Beam Size | 6mm |
| 8 | 光束高度 Beam Height | 29mm |
| 9 | 光束发散角 Beam Divergence (full angle) | 2.5mrad |
| 10 | 功率稳定性 Power Stability | <±3% per 2 hrs |
| 11 | 预热时间 Warm Up Time | <5 minutes |
| 12 | 制冷方式 Temperature Stabilizing | TEC |
| 13 | 光斑质量 (M2) /Beam Quality (M2) | <2 |
| 14 | 最佳工作温度 Optimum Operating Temperature | 20~30°C |
| 15 | 储存温度 Storage Temperature | 10~50°C |
| 16 | 使用寿命 MTF | 10,000 hrs |
| 17 | 激光器尺寸 Laser head dimensions | 155 (L) x77 (W) x60 (H) mm ³ |
| 18 | 配套电源 Power Supply | LASER-5A |
| 19 | 调制频率 Modulation | 0~30khz Analog or TTL |