

OEM-H-635/1-1000mW

RED DIODE LASER AT 635NM

Red diode laser at 635 nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

| | |
|---|---|
| Wavelength (nm) | 635±5 |
| Output power (mW) | >1, 5, 10, ..., 1000 |
| Transverse mode | Near TE ₀₀ |
| Operating mode | CW |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5% |
| Warm-up time (minutes) | <10 |
| M ² factor | <20 |
| Beam divergence, full angle (mrad) | <2.8 |
| Beam diameter at the aperture (mm) | ~5×8 |
| Beam height from base plate (mm) | 20 |
| Operating temperature (°C) | 20+/-5 |
| Operating current of Diode (A) | 0-1.6 |
| Operating voltage of Diode (V) | ~2.5 |
| Pins information | 1. anode of diode; 3. cathode of diode |
| Expected lifetime (hours) | 5000 |
| Power supply (6VDC) | PSU-OEM (optional) |
| Warranty time | The warranty is 3 months, excluding the LD failure. |



Note: The power supply needs to be with the over current protection function.

| OEM-H-635 | PSU-OEM | Accessories |
|---|--|---------------------------|
| <p>85(L)×32(W)×31(H) mm³, 0.245 kg</p> | <p>74(L)×62(W)×28(H) mm³, 0.15 kg</p> | <p>Collimation system</p> |
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