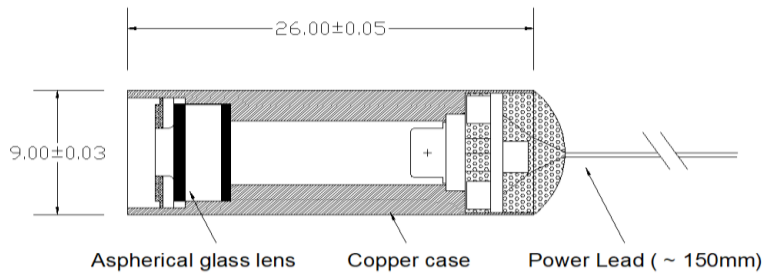


DIODE LASER MODULE

LQF - serial - Circular aperture



Feature -

- Auto optical output power control
- Low operating power consumption
- Polarity reverse protected
- Focus adjustable by user
- High temperature diode is available
- Saving cost diode (T3 type) is available
- Case Material : Copper
- Operation Voltage : 2.7 to 5V DC

General Specification -

| | |
|-----------------------------|---|
| Max. Optical output Power | 30% of max. diode power |
| Optical output Power | (Assigned by customer) |
| Operation Voltage | 2.7 to 5V DC |
| Operation Temperature | -10 °C ~ 40°C |
| Beam Diameter | 3.5mm |
| Beam Divergence | <1.2mrd |
| Optics | Aspherical Glass Lens |
| Case Material | Copper |
| MTTF (Mean Time To Failure) | 10000 hrs (for standard type), 3000 hrs (for T3 type) |

Available laser diodes -

| | 5mW | 7mW | 10mW | 20mW | 30mW | 40mW | 50mW |
|-------|-----|-----|------|------|------|------|------|
| 405nm | ● | | ● | ● | | | ● |
| 455nm | | | | | | | ● |
| 515nm | | | ● | ● | ● | | ● |
| 635nm | ● | ● | ● | ● | ● | | |
| 650nm | ● | ● | ● | ● | ● | | |
| 660nm | | | | | | ● | |
| 670nm | | ● | ● | | | | |
| 680nm | | | | | ● | | |
| 780nm | ● | | ● | ● | | | ● |
| 808nm | | | | | | | ● |
| 830nm | | | | | ● | ● | |
| 850nm | ● | | | | ● | | ● |
| 980nm | | | | | | | ● |

MTTF > 10,000Hrs