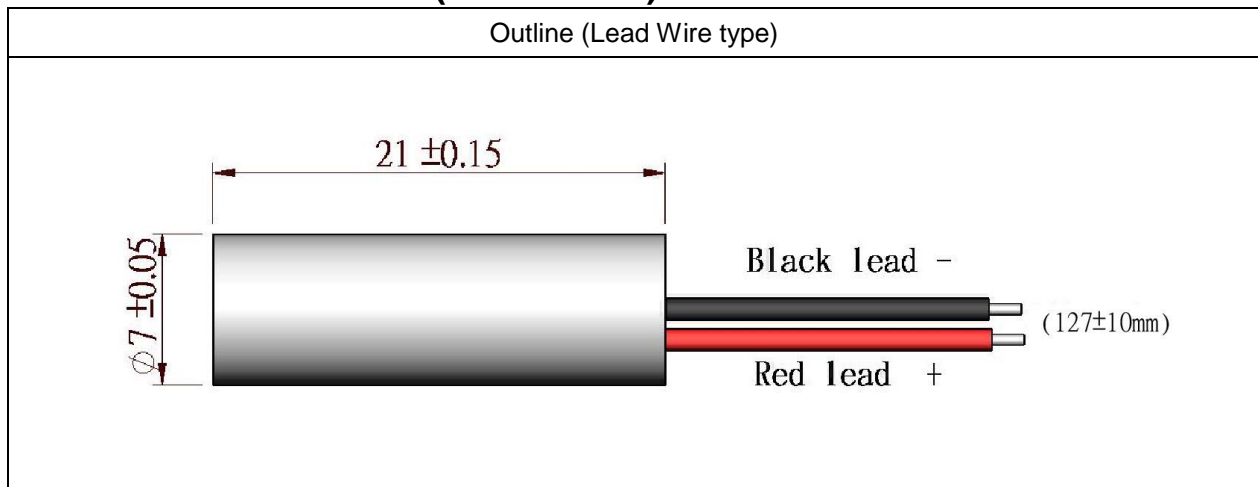


VLM-520-03 Series

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

| SPECIFICATIONS | | VLM-520-03 |
|----------------|---|---|
| | | LPT |
| 1 | Dimensions | $\phi 7 \times 21$ mm ($\phi 0.276'' \times 0.827''$) |
| 2 | Operating voltage (Vop) | 7V~10V |
| 3 | Operating current (Iop) | <80mA |
| 4 | Continuous wave output power (Po) | <1mW |
| 5 | Wavelength at peak emission (λ_p) | 505~530nm |
| 6 | Collimating lens | Aspherical plastic lens($\phi 5$) |
| 7 | Spot size at 5M | <4mm |
| 8 | Divergence (Half Angle) | 0.6 mRad |
| 9 | Operating temp. range | +20°C ~+50°C |
| 10 | Storage temp. range | -20°C ~+65°C |
| 11 | Housing | Steel |
| 12 | Mean time to failure (MTTF) 25°C | 10000hrs |

Note : Laser module housing is an electrical positive surface, it is imperative that contact between the laser module and the machine be avoided. This is to prevent damage from the machine electrical leakage. Surge protected power supply to the laser module is strongly recommended.