

**Temperature Stabilized Red Diode Laser**

- \* 635nm/658nm red diode laser
- \* high stability
- \* low noise operation

**Applications**

- Spectroscopy
- Wafer Inspection
- Particle Scattering
- Confocal Microscopy
- Medical applications


**Specifications**

<i>Model</i>	<b>PE.SLR.T.658-xx (xx: power)</b> <b>PE.SLR.T.635-xx (xx: power)</b>
<i>Wavelength</i>	635 nm, 658 nm
<i>Power(CW)</i>	5 ~ 100 mW @ 658 nm 5 ~ 25 mW @ 635 nm
<i>Wavelength shift</i>	< 0.3 nm
<i>Power stability</i>	< ± 2 % @ 24 hours
<i>Beam diameter</i>	< 3.0 mm
<i>Beam divergence</i>	< 1.0 mrad
<i>M<sup>2</sup> factor</i>	< 1.8
<i>Point stability</i>	50 μrad
<i>Noise(DC-20MHz,RMS)</i>	< 0.5 %
<i>Operating temperature ( °C)</i>	5~50 °C
<i>Dimensions</i>	43(H) x 60(W) x 110(L) mm <sup>3</sup>
<i>External modulation</i>	0-100 kHz, TTL
<i>Driver</i>	PES-800A, 110/220 VAC

**Dimension Outline:**
