

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

**PGL-T-655**/1~20mW

## SPECIFICATIONS

## RED LASER MODULE AT 655nm

PGL-T-655nm is a new developed wide temperature and high stability series diode laser module, which is made features of small size, long lifetime, and special safety design to ensure security.



| Wavelength (nm)                             | 655±10  |
|---|---|
| Operating mode                              | CW  |
| Output power (mW)                           | >1,5 ,20  |
| Power stability (rms)                       | ${<}1\%$ , over 4 hours at constant temperature after warm up |
| Transverse mode                             | Near TEM <sub>00</sub>  |
| Beam diameter at the aperture $(1/e^2, mm)$ | ~3.5  |
| Beam divergence, full angle (mrad)          | <1.0  |
| Operating temperature (°C)                  | 0~50  |
| Power supply                                | DC 3V PCB   |
| Expected lifetime (hours)                   | 10000   |
| Warranty                                    | 6 months  |





