

## 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





