



DC +5V RED  
DC 0V BLACK  
DC 0V BLACK  
1K Hz TTL 信号  
Open / Laser OFF  
Hi / Laser On DC 5V  
Lo / Laser Off DC 0V

SPECIFICATION:

SYMBOL	PARAMETER	MIN	TYPICAL	MAX	UNIT
PO_1	OPTICAL POWER AT NORMAL ( CLASS II )	0.8	-	1.1	mW
IOP	OPERATING CURRENT	80	180	300	mA
VOP	OPERATING VOLTAGE	-	5.0	-	V
λP	WAVE LENGTH AT PEAK EMISSION	522	532	542	nm
Ptype	OUTPUT POWER TYPE	CW			
FREQUENCY					
TOP	OPERATING TEMP. RANGE	-	-	-	Hz
TSTG	STORAGE TEMP. RANGE	+10	+25	+35	°C
SIZE	MAXIMUM BEAM SPOT AT 7M	+0	+25	+60	°C
ANGLE	LASER BEAM DEFLECTION ANGLE	-	2x2	3.5x3.5	mm
M	GREEN LASER MODULE REGULATION REQUIREMENT	-3	0	+3	DEGREE

Remark

1. Measurement standard of optical power: The module is measured one minute after light up and the aperture is at 140mm from the detector at 20° angle.
2. Standard Status is for environment temperature at 10°C~35°C, Vop-Typical. Continue working < 12 H.
3. Beam Spot Testng: Environment Illumination at 250 ± 20Lux.
4. MTTF: >5000 hours



File Name	G1595T-01-01		DESIGNED BY	Hardy	TOLERANCE	±1	NO. REV. DATE		REVISION CHART	
PART NAME	Green Laser Module		CHECKED BY	Stone	MATERIAL	-	SCALE	F1t	REVISION LOCATE	SIGNATURE
PART NO.			APPROVED BY	Stone	FINISH	-	SHEET	1/1	A4	CHECK
			RELEASE DATE	2009. 10. 08	UNIT	mm				