



## H6-RGB-1.5

## HIGH POWER RGB EMITTER, 1.5W

Characteristics Parameter at Ta=25°C Tj≤80°C Iop=450mA

Part Number	Emitting Color	$\lambda_p$ Wavelength (nm)	Lens Type	Forward Voltage Vf(V)	Luminous Flux(lm)	Viewing Angle (°)
H6-RGB1.5	RED	615—625	Water Clear	1.8—2.5	3.0—5.5	80±5
	GREEN	510—520		3.0—3.8	10.0—15.0	
	BLUE	460—470		3.0—3.8	2.5—5.0	

Absolute Maximum Ratings at Ta=25°C

Characteristics	Symbol	MAX	Unit
Power Dissipation	P <sub>D</sub>	R:375 G:570 B:570	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I <sub>FP</sub>	Total:1350 Each color@450	mA
Reverse Voltage	V <sub>R</sub>	5	V
Reverse Current	I <sub>R</sub>	≤50	μA
Operating Temperature	T <sub>opr</sub>	-40°C — 80°C	
Storage Temperature	T <sub>spr</sub>	-40°C — 100°C	
Lead Soldering Temperature(5mm From Body)	260°C ≤5s		

### NOTES:

- All dimensions are millimeters;
- Tolerances are ±0.1mm unless otherwise specified.
- Under the stipulated Characteristics parameters above, the life span of the LED is more than 20,000 hours.
- The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.
- The above data are from our company's testing condition.



**Figure And Size**

