



A6-**R**G**B**-1.5

HIGH POWER RGB EMITTER, 1.5W

Characteristics Parameter at Ta=25°C Tj≤80°C Iop=450mA						
Part Number	Emitting Color	λ_p Wavelength (nm)	Lens Type	Forward Voltage Vf(V)	Luminous Flux(lm)	Viewing Angle (°)
A6-RGB-1.5	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 _D	R:375 G:570 B:570	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)				I _{FP}	Total:1350 Each color@450	mA
Reverse Voltage				V _R	5	V
Reverse Current				I _R	≤50	μA
Operating Temperature				T _{opr}	-40°C — 80°C	
Storage Temperature				T _{spr}	-40°C —100°C	
Lead Soldering Temperature(5mm From Body)				260°C ≤5s		
NOTES: 1. All dimensions are millimeters; 2. Tolerances are ±0.1mm unless otherwise specified. 3. Under the stipulated Characteristics parameters above, the life span of the LED is more than 20,000 hours. 4. The data on this specification is for reference only and the actual data is in accordance with the acknowledgment. 5. The above data are from our company's testing condition.						



Figure And Size

