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A6-RGB-9

HIGH POWER RGB EMITTER, 9W

Characteristics Parameter at Ta=25°C Tj≤80°C I_{op}=2100mA

Part Number	Emitting Color	Wavelength λ _p (nm)	Lens Type	Forward Voltage Vf(V)	Luminous Flux(lm)	Viewing Angle (°)
A6-RGB-9	RED	620—630	Water Clear	2.3—2.8	45—60	80±5
	GREEN	515—520		3.5—4.0	50—70	
	BLUE	458—465		3.6—4.0	15—25	

Absolute Maximum Ratings at Ta=25°C

Characteristics	Symbol	MAX	Unit
Power Dissipation	P _D	R:1960 G:2800 B:2800	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	Total:6300 Each color@2100	mA
Reverse Voltage	V _R	5	V
Reverse Current	I _R	≤100	μA
Operating Temperature	T _{opr}	-40—80	°C
Storage Temperature	T _{spr}	-40—100	°C
Lead Soldering Temperature(5mm From Body)		260 ≤5s	°C

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

