



5mm Bi-colour Flashing Red & Pure Green LED 1.8Hz 1/2 Duty Cycle

Order codes: **55-9070**

MPN: OSRPMS5A31A

Features:

- High luminous LEDs
- 5mm round standard directivity
- Superior weather-resistance
- Flashing type
- White diffused type

Applications

- Toys
- Games
- Audio
- Other lighting

Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
Power supply	Voltage	5	V
Operating temperature	Topr	-30 to +85	°C
Storage temperature	Tstg	-40 to +100	°C
Lead soldering temperature	Tsol	260°C/5sec	–

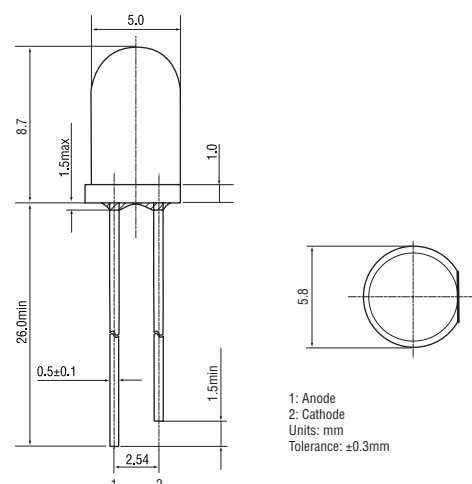
Electrical – Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC forward voltage	V_{dd}	$I_F = 20\text{mA}$	3.0	3.3	5.0	V
Oscillator frequency*	Fled	$I_F = 20\text{mA}$	–	1.8	–	Hz
Duty cycle	Duty	$I_F = 20\text{mA}$	–	1/2	–	–
Dominant wavelength†	λ_D (Red)	$I_F = 20\text{mA}$	620	625	630	nm
	λ_D (Green)	$I_F = 20\text{mA}$	520	525	530	nm
Luminous intensity‡	I_V (Red)	$I_F = 20\text{mA}$	5800	7000	–	mcd
	I_V (Green)	$I_F = 20\text{mA}$	12000	14400	–	mcd
50% Power angle	$2\theta_{1/2}$	$I_F = 20\text{mA}$	–	30	–	deg

* Tolerance of dominant wavelength is $\pm 1\text{nm}$
† Tolerance of luminous intensity is $\pm 15\%$
‡ Tolerance of frequency is $\pm 20\%$



Outline dimensions:



Directivity:

