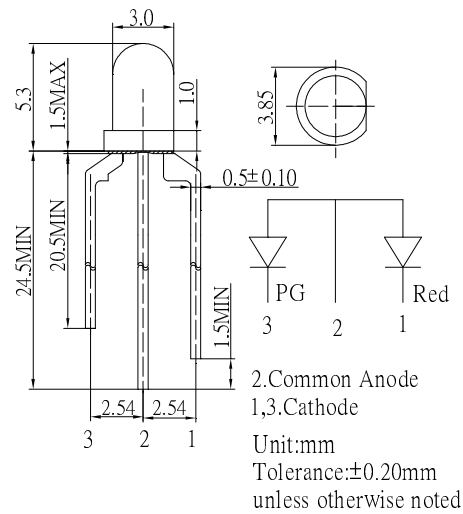




OSRPPA3132A

- Toys
- Games
- Audio
- Other Lighting

■ Outline Dimension

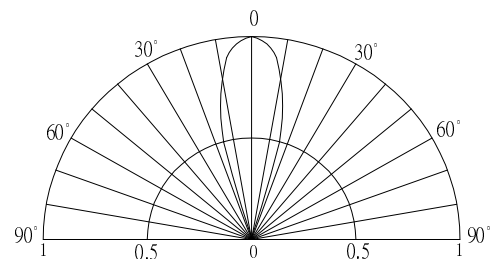


■Absolute Maximum Rating

Item	Symbol	Value		Unit
		Red	Green	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	120	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	78	108	mW
Operating Temperature	Topr	-30~ +85		℃
Storage Temperature	Tstg	-40 ~ +100		℃
Lead Soldering Temperature	Tsol	260℃/5sec		-

#Pulse width Max.10ms Duty ratio max 1/10

■ Directivity



■Electrical -Optical Characteristics

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F (Red)	I _F =20mA	-	2.1	2.6	V
DC Forward Voltage	V _F (Green)	I _F =20mA	-	2.9	3.4	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi.	λ _D (Red)	I _F =20mA	620	625	630	nm
Wavelength*2	λ _D (Green)	I _F =20mA	520	525	530	nm
Luminous	I _V (Red)	I _F =20mA	1560	2180	-	mcd
Intensity*3	I _V (Green)	I _F =20mA	2180	3000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	30	-	deg

*1 Tolerance of measurements of forward voltage is +0.1 V

*2 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

LED & Application Technologies



REACH
The new EU chemicals legislation



ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES

VER D.1.0