

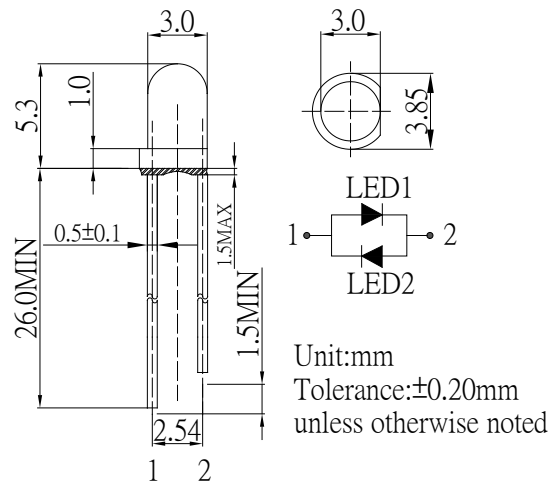
■Features

- High Luminous AC LED
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- White Diffused
- Bi-polar Type

■Applications

- Indicate Lamp
- Toys/Games/ Audio
- General Use

■Outline Dimension



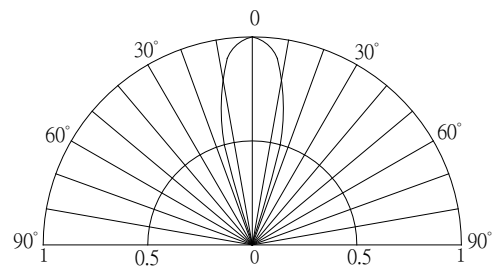
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		B/PG	YG/Y/O/R	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	102	78	mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Emitting Color			V _F (V)*			I _v (mcd)*			λD(nm)*			θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			I _F =20mA			I _F =20mA			
OSBBS23132A	Blue	B	■	2.7	2.9	3.4	750	1120	-	465	465	475	30
OSPPD23132A	Pure Green	PG	■	2.7	2.9	3.4	4200	4200	-	520	525	530	30
OSGGH23132A	Yellow Green	YG	■	1.8	2.1	2.6	45	68	-	565	570	575	30
OSYYJ23132A	Yellow	Y	■	1.8	2.1	2.6	68	100	-	585	590	595	30
OSOOJ23132A	Orange	O	■	1.8	2.1	2.6	100	150	-	600	605	610	30
OSRRJ23132A	Red	R	■	1.8	2.1	2.6	68	100	-	620	625	630	30

*1 Tolerance of measurements of domi. wavelength is ±1nm

*2 Tolerance of measurements of luminous intensity is ±15%

*3 Tolerance of measurements of forward voltage is ±0.1V