

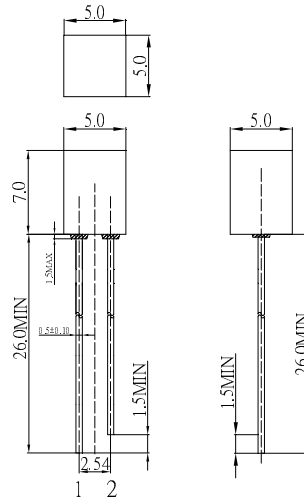
**■Features**

- High Luminous Intensity
- 5.0\*5.0\*7.0mm Standard Directivity
- Long Lifetime Operation
- Superior UV Resistance
- Color Diffused Type

**■Applications**

- General Purpose Indicators
- Decorations
- Toys & Games
- General Use

**■Outline Dimension**



1. Anode  
2. Cathode  
Unit:mm  
Tolerance:±0.20mm  
unless otherwise noted

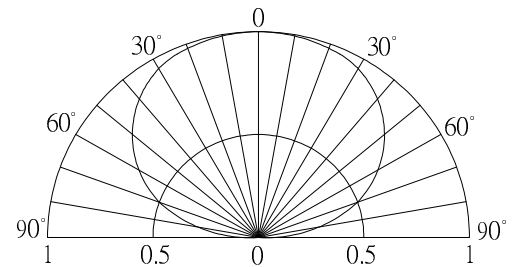
**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbo l	Value		Unit
		B/PG	R/O/Y/YG	
DC Forward Current	I <sub>F</sub>	30	30	mA
Pulse Forward Current#	I <sub>FP</sub>	100	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	108	78	mW
Operating Temperature	Topr	-40 ~ +85		°C
Storage Temperature	Tstg	-40~ +85		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

#Pulse width Max 0.1ms, Duty ratio max 1/10

**■Directivity**



**■Electrical -Optical Characteristics**

(Ta=25°C)

Part Number	Color		V <sub>F</sub> (V)*			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)*			λD(nm)*			2θ1/2(deg)
			Min.	Typ.	Max.		Max.	Min.	Typ.	Max.	Min.	Typ.	
			I <sub>F</sub> =20mA			V <sub>R</sub> =5V		I <sub>F</sub> =20mA					
OSB5YU7NE4B	Blue	B	2.8	3.1	3.6	10	220	330	-	465	470	475	140
OSG5TA7NE4B	Pure Green	PG	2.8	3.1	3.6	10	500	750	-	520	525	530	140
OSG8HA7NE4B	Yellow Green	YG	1.8	2.1	2.6	10	100	150	-	565	570	575	140
OSY5JA7NE4B	Yellow	Y	1.8	2.1	2.6	10	150	220	-	585	590	595	140
OSO5JA7NE4B	Orange	O	1.8	2.1	2.6	10	150	220	-	600	605	610	140
OSR5JA7NE4B	Red	R	1.8	2.1	2.6	10	150	220	-	620	625	630	140

\*1 Tolerance of measurements of dominant wavelength is ±1nm

\*2 Tolerance of measurements of luminous intensity is +15%

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