

- High Luminous LEDs
- 5.35x5.35x7mm Triangular Standard Directivity
- UV Resistant Epoxy
- Low power consumption
- Color Diffused / White Diffused (W, M only)

- Electronic Signs and Signals
- Indications
- Back Lighting
- General Use

($T_a=25^{\circ}\text{C}$)

Item	Symbo l	Value		Unit
		W/M/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	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

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

(Ta=25°C)

Part Number	Color			V _F (V)*			I _R (μA)	I _v (mcd)*			λD(nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V	I _F =20mA						
OSW5DK7ZE2B	Cool White	W		-	2.9	3.4	10	750	1120	-	CCT:8000-18000K			140
OSM5DK7ZE2B	Warm White	M		-	2.9	3.4	10	750	1120	-	CCT:2700-3300K			140
OSB5SA7ZE4B	Blue	B		-	2.9	3.4	10	150	220	-	465	470	475	140
OSG5DA7ZE4B	Pure Green	PG		-	2.9	3.4	10	750	1120	-	520	525	530	140
OSG8HA7ZE4B	Yellow Green	YG		-	2.1	2.6	10	45	68	-	565	570	575	140
OSY5JA7ZE4B	Yellow	Y		-	2.1	2.6	10	100	150	-	585	590	595	140
OSO5JA7ZE4B	Orange	O		-	2.1	2.6	10	100	150	-	600	605	610	140
OSR5JA7ZE4B	Red	R		-	2.1	2.6	10	100	150	-	620	625	630	140

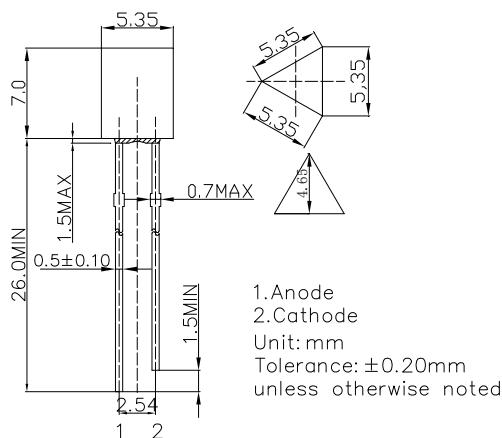
*1 Tolerance of measurements of dominant wavelength is +1 nm

*3 Tolerance of measurements of luminous intensity is +15%

*2 Tolerance of measurements of chromaticity coordinate is +10%

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

■ Outline Dimension



■ Directivity

