



**Absolute Maximum Ratings (Ta=25°C)**

Item	Symbol	Value	Unit
<b>Power Supply</b>	Voltage	5	V
<b>Duty Cycle</b>	Duty	1/2	-
<b>Operating Temperature</b>	Topr	-30 ~ +85	°C
<b>Storage Temperature</b>	Tstg	-40 ~ +100	°C
<b>Lead Soldering Temperature</b>	Tsol	260°C/5sec	-

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

**Electrical –Optical Characteristics (Ta=25°C)**

Part Number	Color	V <sub>F</sub> (V)			Min.	I <sub>v</sub> (mcd)*			λD (nm)*			Fled (Hz)* Typ.	2θ1/2 (deg) Typ.
		Min.	Typ.	Max.		Min.	Typ.	Max.	Min.	Typ.	Max.		
SE-LED05BL-CW1	Cool White	3.0	3.5	5.0	500	750	-	CCT: 8000-18000K			1.8	130	
SE-LED05BL-WW1	Warm White	3.0	3.5	5.0	500	750	-	CCT: 2700-3200K					
SE-LED05BL-B1	Blue	3.0	3.5	5.0	100	150	-	465	470	475			
SE-LED05BL-G1	Green	3.0	3.5	5.0	500	750	-	520	525	530			
SE-LED05BL-YG1	Yellow Green	3.0	3.5	5.0	25	35	-	565	570	575			
SE-LED05BL-Y1	Yellow	3.0	3.5	5.0	68	100	-	585	590	595			
SE-LED05BL-SY1	Yellow	3.0	3.5	5.0	500	750	-	585	590	595			
SE-LED05BL-O1	Orange	3.0	3.5	5.0	100	150	-	600	605	610			
SE-LED05BL-R1	Red	3.0	3.5	5.0	68	100	-	620	625	630			
SE-LED05BL-SR1	Red	3.0	3.5	5.0	500	750	-	620	625	630			

- \*1 Tolerance of measurements of chromaticity coordinates is ± 10%
- \*2 Tolerance of measurements of dominant wavelength is ± 1nm
- \*3 Tolerance of measurements of luminous intensity is ± 15%
- \*4 Tolerance of measurements of forward voltage is ± 0.1V
- \*5 Tolerance of measurements of Frequency is 20%.