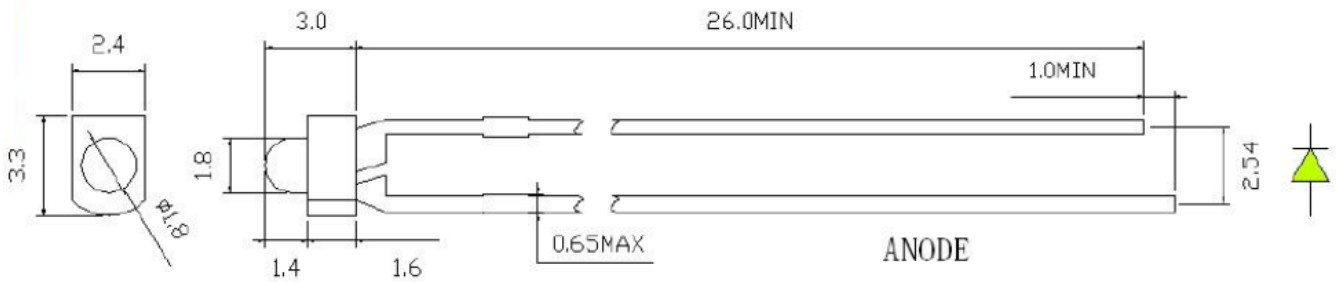


**Package Dimensions:**

**Selection Guide**

Part No.	Dice		Lens Color	Iv (mcd) (IF=20mA)			Viewing Angle 2Θ1/2
	Raw Material	Emitted Color		Min.	Typ.	Max.	
<b>SE-LED1.81050-G5</b>	AlGaInP	Yellow Green	Waterclear	50	100	-	50°

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

Item	Symbol	Maximum	Unit
<b>Power Dissipation</b>	PD	72	mW
<b>Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)</b>	IFP	100	mA
<b>Continuous Forward Current</b>	IFmax	30	mA
<b>Reverse Voltage</b>	VR	5	V
<b>Capacitance</b>	C	15	pF
<b>Operating/Storage Temperature Range</b>	Topr / Tstg	-40°C to +85°C	
<b>Lead Solder Temperature</b>	Tsol	260°C for 3 Seconds	

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

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
<b>Peak Wavelength</b>	$\lambda_p$	-	573	-	nm	IF=20mA
<b>Dominant Wavelength</b>	$\lambda_d$	565	573	575	nm	IF=20mA
<b>Forward Voltage</b>	VF	1.80	2.10	2.40	V	IF=20mA
<b>Reverse Current</b>	IR	-	-	10	uA	VR=5V

**Notes:**

1. All dimensions are in millimeter;
2. Tolerance is  $\pm 0.25$ mm, unless other specified;
3. Luminous intensity tolerance is  $\pm 10\%$ ;
4. Dominant Emission Wavelength tolerance is  $\pm 5\%$ ;
5. Specifications are subject to change without notice