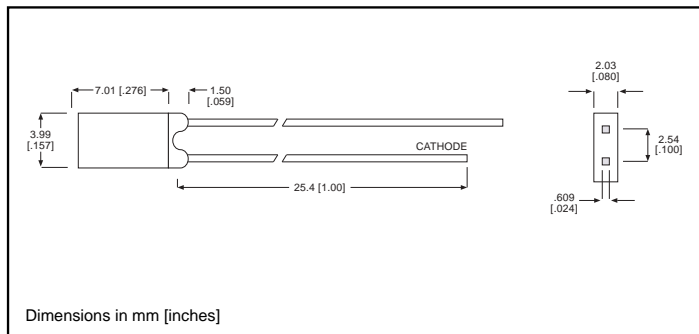


**2mm x 4mm Discrete LED**  
**Rectangular**  
**Tinted**

**Dialight**

**521-9606, -9607, -9658**



**PART NO.**

**COLOR**

521-9606  
 521-9607  
 521-9658

Green  
 Yellow  
 Red

<b>ABSOLUTE MAXIMUM RATINGS</b> ( $T_A=25^\circ\text{C}$ )	Green <b>-9606</b>	Yellow <b>-9607</b>	Red <b>-9658</b>
Power Dissipation (mW)	100	60	100
Forward Current (mA)	30	20	30
Derating (mA/ $^\circ\text{C}$ ) From $50^\circ\text{C}$	.4	.25	.4
Peak Current (mA) Pulse width = 100 $\mu\text{s}$	120	80	120
Operating Temperature ( $^\circ\text{C}$ )	-55/+100	-55/+100	-55/+100
Storage Temperature ( $^\circ\text{C}$ )	-55/+100	-55/+100	-55/+100
Soldering Temperature	260 $^\circ\text{C}$ , 5 seconds, 1.6 mm from case		

Solder Adherence per MIL-STD-202E, Method 208C

<b>OPERATING CHARACTERISTICS</b> ( $T_A=25^\circ\text{C}$ )		Green <b>-9606</b>	Yellow <b>-9607</b>	Red <b>-9658</b>
Luminous Intensity (mcd)	Min.	2.2	2.2	1.1
	Typical	3.7	3.7	3.7
Peak Wavelength (nm) $\lambda$ Peak	Typical	565	585	635
Viewing Angle ( $2\theta$ $^\circ$ )	Typical	104 $^\circ$	104 $^\circ$	104 $^\circ$
Forward Voltage (V)	Typical	2.1	2.1	2.1
	Max.	2.8	2.8	2.8
Reverse Voltage (V), $I_R=100\mu\text{A}$	Min.	5	5	5

$\theta$   $^\circ$  is the off axis angle at which the luminous intensity is half the axial luminous intensity