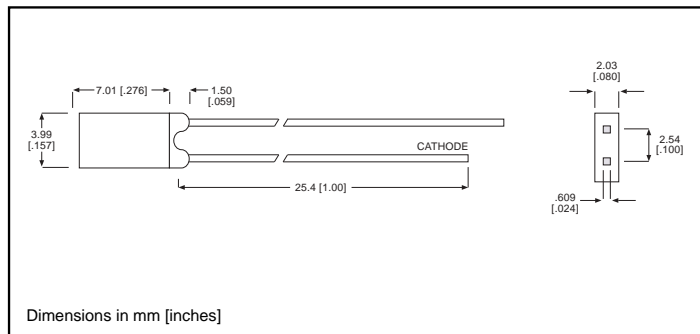


2mm x 4mm Discrete LED
Rectangular
Tinted

Dialight

521-9606, -9607, -9658



PART NO.

COLOR

521-9606
 521-9607
 521-9658

Green
 Yellow
 Red

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)	Green -9606	Yellow -9607	Red -9658
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 μs	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

OPERATING CHARACTERISTICS ($T_A=25^\circ\text{C}$)		Green -9606	Yellow -9607	Red -9658
Luminous Intensity (mcd) $I_F=10\text{mA}$	Min.	2.2	2.2	1.1
	Typical	3.7	3.7	3.7
Peak Wavelength (nm) λ Peak	Typical	565	585	635
Viewing Angle (2θ $^\circ$)	Typical	104 $^\circ$	104 $^\circ$	104 $^\circ$
Forward Voltage (V) $I_F=20\text{mA}$	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

θ^1 is the off axis angle at which the luminous intensity is half the axial luminous intensity