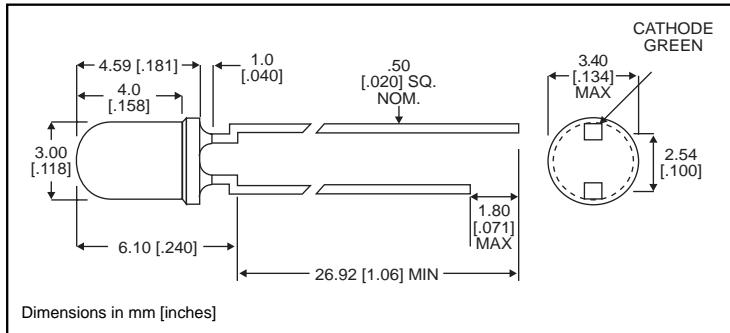


3mm Discrete LED Bi-Color Non-Tinted, Diffused

Dialight

521-9459



PART NO. **521-9459** COLOR
Red/Green

MOUNTING CLIP: 515-0006
located on page 4-65

4

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)	Red/Green -9459
Power Dissipation (mW)	140
Forward Current (mA) Derating (mA/ $^\circ\text{C}$) <i>From 25°C</i>	45 .6
Peak Current (mA) <i>Pulse width = 10μs</i>	1000
Operating Temperature ($^\circ\text{C}$)	-55/+100
Storage Temperature ($^\circ\text{C}$)	-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 ($T_A=25^\circ\text{C}$)	Red/Green -9459
Luminous Intensity (mcd) $I_F=10\text{mA}$	Min. Typical
Peak Wavelength (nm) λ Peak	Typical
Viewing Angle ($2\Theta\frac{1}{2}$)	Typical
Forward Voltage (V) $I_F=10\text{mA}$	Typical Max.

$\Theta\frac{1}{2}$ is the off axis angle at which the luminous intensity is half the axial luminous intensity