

Excellent Integrated System Limited

Stocking Distributor

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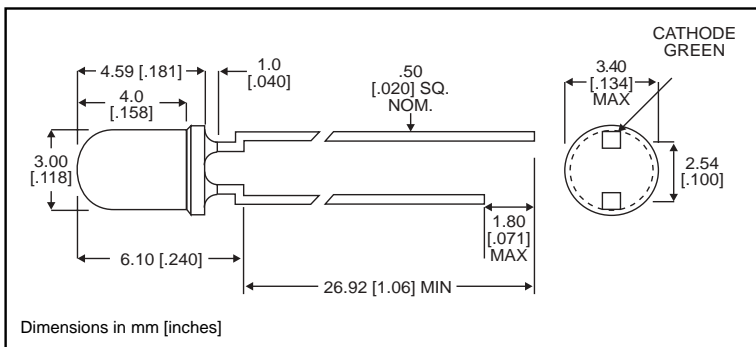
[Dialight](#)
[5219459](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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



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)	45
Derating (mA/°C) From 25°C	.6
Peak Current (mA) <i>Pulse width = 10µs</i>	1000
Operating Temperature (°C)	-55/+100
Storage Temperature (°C)	-55/+100
Soldering Temperature	260°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)	Min.	2.5/3.7
$I_F=10\text{mA}$	Typical	4.7/10
Peak Wavelength (nm)	Typical	635/565
λ_{Peak}		
Viewing Angle ($2\theta_{1/2}$)	Typical	50°
Forward Voltage (V)	Typical	2/2.1
$I_F=10\text{mA}$	Max.	2.8/2.8

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