



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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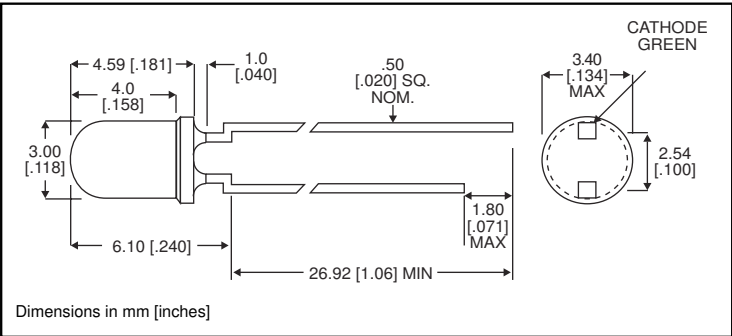
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

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ABSOLUTE MAXIMUM RATINGS (T _A =25°C)		Red/Green -9459
Power Dissipation (mW)		140
Forward Current (mA)		45
Derating (mA/°C) <i>From 25°C</i>		.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
<i>Solder Adherence per MIL-STD-202E, Method 208C</i>		

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 $^{\circ}$
Forward Voltage (V)	Typical	2/2.1
$I_F=10\text{mA}$	Max.	2.8/2.8

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