



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

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



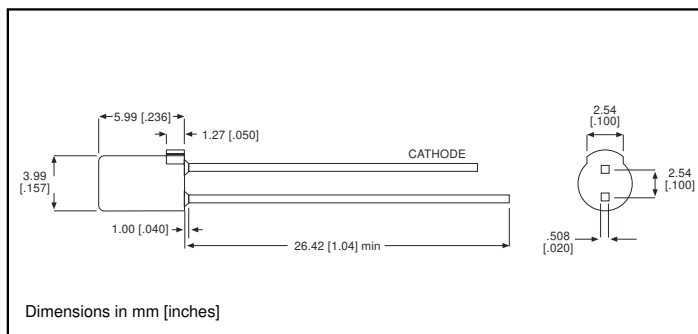
# 4mm Discrete LED

## Flat Top

## Tinted, Diffused

# Dialight

## 521-970x



### PART NO.

521-9706

521-9707

521-9708

### COLOR

Red

Yellow

Green

### ABSOLUTE MAXIMUM RATINGS (T<sub>A</sub>=25°C)

	Red -9706	Yellow -9707	Green -9708
Power Dissipation (mW)	100	60	100
Derating (mW/°C) From 50°C	.4	.25	.4
Forward Current (mA)	30	20	30
Peak Current (mA) Pulse width = 100μs	120	80	120
Operating Temperature (°C)	-55/+100	-55/+100	-55/+100
Storage Temperature (°C)	-55/+100	-55/+100	-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case		

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

### OPERATING CHARACTERISTICS (T<sub>A</sub>=25°C)

		Red -9706	Yellow -9707	Green -9708
Luminous Intensity (mcd)	Min.	2.5	5.6	8.7
	Typical	8.7	8.7	12.6
Peak Wavelength (nm)	Typical	630	585	565
λ Peak				
Viewing Angle (2Θ ½)	Typical	145°	150°	150°
Forward Voltage (V)	Typical	2	2.1	2.1
	Max.	2.8	2.8	2.8
Reverse Voltage (V), I <sub>R</sub> =100μA	Min.	5	5	5

Θ ½ is the off axis angle at which the luminous intensity is half the axial luminous intensity

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