



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 Web: www.chipsmall.com

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





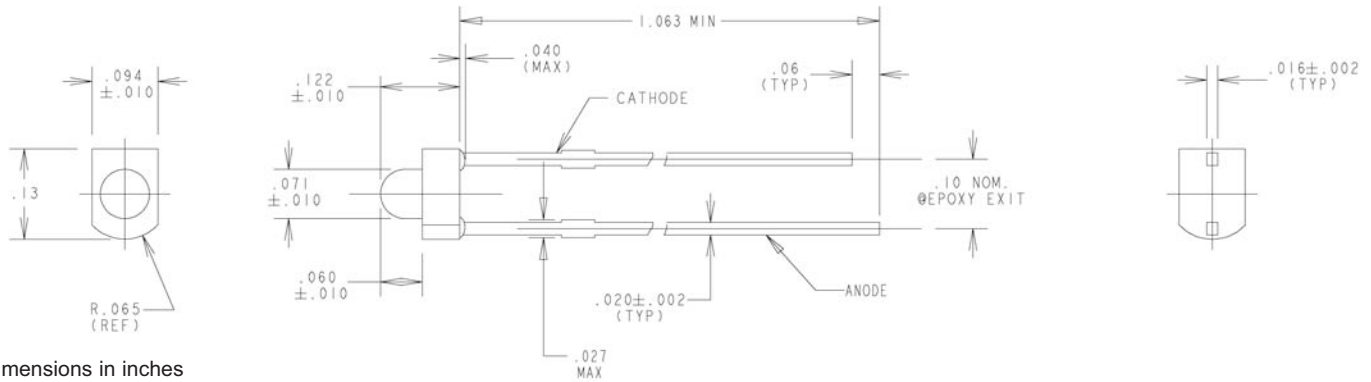
521 SERIES

2mm Discrete LED

Diffused

PART NUMBER	LED COLOR
521-9630	RED
521-9631	YELLOW
521-9632	GREEN

SPECIFICATIONS



Dimensions in inches

ABSOLUTE MAXIMUM RATINGS (T _A = 25°C)	RED	YELLOW	GREEN
	-9630	-9631	-9632
Power Dissipation (mW)	105	105	105
Average Forward Current (mA)	30	30	25
Derating (mA/°C) From 25°C	0.4	0.4	.33
Peak Current (mA) Pulse width = 10μs	160	140	140
Operating Temperature (°C)	-40/+85	-40/+85	-40/+85
Storage Temperature (°C)	-40/+85	-40/+85	-40/+85
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case		

OPERATING CHARACTERISTICS (T _A = 25°C)		RED	YELLOW	GREEN
		-9630	-9631	-9632
Luminous Intensity (mcd)	Min.	8	5	5
	Typical	15	8	10
Peak Wavelength	Typical	627	590	565
Viewing Angle (2Θ ^{1/2})*	Typical	70°	70°	70°
Forward Voltage	Typical	2	2.1	2.2
	Max.	2.5	2.5	2.5
Reverse Voltage (V), I _R =100μA	Min.	5	5	5

* Θ^{1/2} is the off axis angle at which the luminous intensity is half the axial luminous intensity



Dialight Corporation
 1501 Route 34 South • Farmingdale, NJ 07727 USA
 Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com

