

Home > 5219450F

Part Number: **5219450F**

### General Description

Series	521
Configuration	5 mm Lens
Description	Discrete LED Lamp
Package Options	Bulk Packaging
Sizes	5mm
Lamp Type	Bi-Color
Lens Color	Non-Tinted, Diffused

### Absolute Maximum Ratings (Ta = 25°)

Solder Temperature	260° for 5 sec
Operating Temperature	-20~ +85
Storage Temperature	-55~ +100

### Operating Characteristics

		
Color	Red	Green
LED Type	Standard Efficiency	Standard Efficiency
Luminous Intensity Min	2.1	4.2
Luminous Intensity Typical	5	8
Test Current mA	10mA	10mA
Dominant Wavelength Typical	626nm	569nm
Power Dissipation Max	135mW	90mW



This is a  
RoHS Compliant Product  
To learn more click here





# 521 SERIES

## 5mm Discrete LED

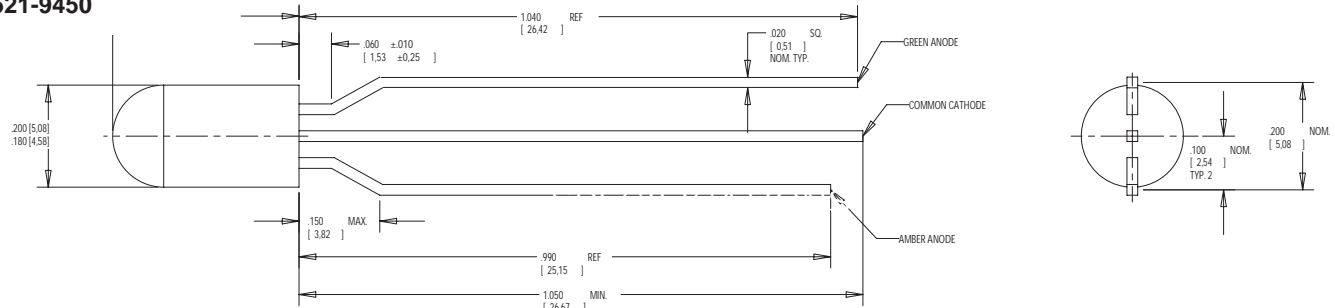
### 3 Leded, Non-Tinted, Diffused

#### BI-COLOR

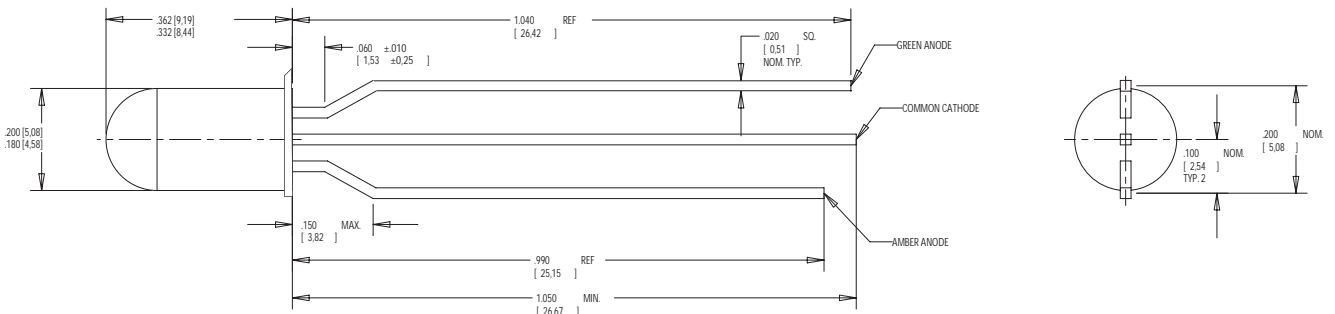
PART NUMBER	LED COLOR
521-9450	RED/GREEN
521-9461	YELLOW/GREEN

## SPECIFICATIONS

### 521-9450



### 521-9461



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

Power Dissipation (mW):	135/135	Operating Temperature (°C):	-20/+85
Average Forward Current (mA):	25/25	Storage Temperature (°C):	-55/+85
Derating (mA/°C) From 50°C	.5/.5	Soldering Temperature:	260°C, 5 seconds, 1.6 mm from case
Peak Current (mA):	90/90		

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

Part Number	Color	Peak Wavelength (nm)	Luminous Intensity (mcd)	Forward Voltage (V)*	Viewing Angle 2θ 1/2
521-9450	Red/Green	635/565	Min. 2.1/4.2 Typ. 5/8	Typ. 2.1/2.3 Max. 2.5/2.7	65°
521-9461	Yellow/Green	583/565	Min. 2.1/4.2 Typ. 5/8	Typ. 2.1/2.1 Max. 2.5/2.5	65°

\*I<sub>F</sub> = 10mA



Dialight Corporation