

◆ Home > 5219284F

Part Number: **5219284F**


### General Description

Series	521
Configuration	5 mm Lens
Description	Discrete LED Lamp
Package Options	Bulk Packaging
Sizes	5mm
Lamp Type	Single Color
Lens Color	Diffused

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

Derating	from 50° @ .071V/°C
Solder Temperature	260° for 5 sec
Operating Temperature	-40 ~ +85
Storage Temperature	-55 ~ +100

### Operating Characteristics

Color	 Yellow
LED Type	Standard Efficiency
Luminous Intensity Min	2
Luminous Intensity Typical	8
Test Current mA	5V



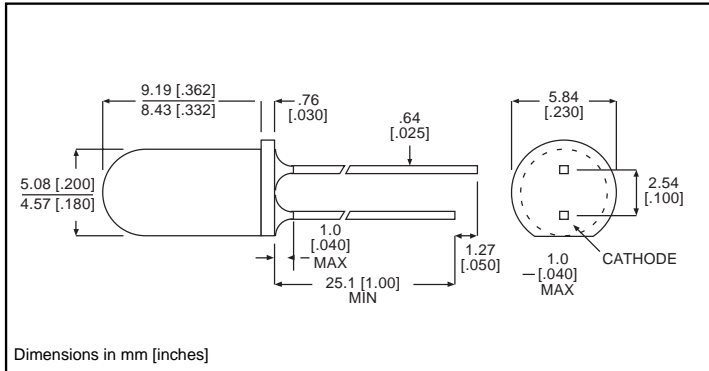
This is a  
RoHS Compliant Product  
To learn more click here



**5mm Discrete LED  
Integral Resistor, 5 Volts  
Diffused**

**Dialight**

**521-9183, -9284**



<u>PART NO.</u>	<u>LED COLOR</u>
521-9183	Red
521-9284	Yellow

**MOUNTING CLIP: 515-0004**  
located on page 6-48

<b>ABSOLUTE MAXIMUM RATINGS</b> ( $T_A=25^\circ\text{C}$ )	Red <b>-9183</b>	Yellow <b>-9284</b>
Forward Voltage (V)	7.5	7.5
Derating (V/°C) From 50°C	.071	.071
Operating Temperature (°C)	-40/+85	-40/+85
Storage Temperature (°C)	-55/+100	-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case	

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

<b>OPERATING CHARACTERISTICS</b> ( $T_A=25^\circ\text{C}$ )		Red <b>-9183</b>	Yellow <b>-9284</b>
Luminous Intensity (mcd)	Min.	2	2
	Typical	8	8
Peak Wavelength (nm)	Typical	635	583
Viewing Angle ( $2\theta^{1/2}$ )	Typical	60°	60°
Forward Current (I)	Typical	10	10
	Max	15	15
Reverse Voltage (V), $I_R=100\mu\text{A}$	Min.	5	5

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

**6**