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Part Number: **5219183F**


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°)

Solder Temperature	245° for 5 sec
Operating Temperature	-40~ +85
Storage Temperature	-55~ +100

Operating Characteristics

Color	 Red
LED Type	GaAsP/GaP
Luminous Intensity Min	2.1
Test Current mA	5V
Dominant Wavelength Typical	626nm



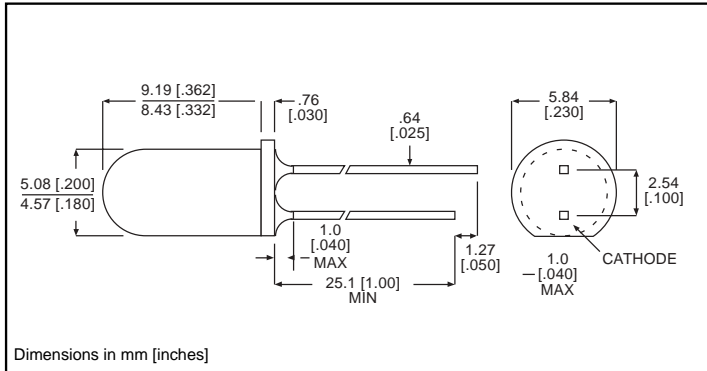
This is a
RoHS Compliant Product
To learn more click here



**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

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)	Red -9183	Yellow -9284
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

OPERATING CHARACTERISTICS ($T_A=25^\circ\text{C}$)		Red -9183	Yellow -9284
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

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