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Part Number: **5219321F**

General Description

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




Absolute Maximum Ratings (Ta = 25°)

Forward Current mA	7mA
Forward Current Pulsed	500mA
Derating	from 92° @ 1.0mA/°C
Solder Temperature	260° for 5 sec
Operating Temperature	-55 ~ +100
Storage Temperature	-55 ~ +100



This is a
RoHS Compliant Product
To learn more click here

Operating Characteristics

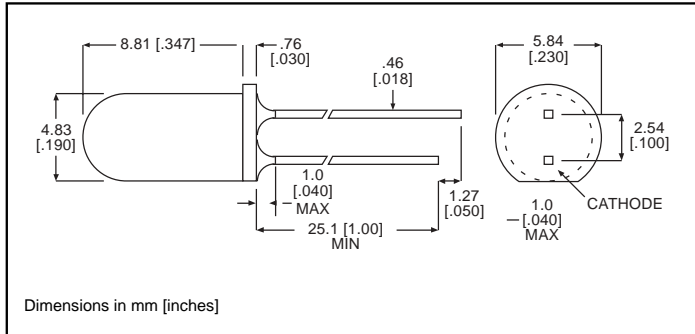
Color	 Yellow
LED Type	Standard Efficiency
Luminous Intensity Min	1.2
Luminous Intensity Typical	1.8
Test Current mA	2mA
Power Dissipation Max	36mW



5mm Discrete LED
Low Current, 2mA
Diffused

Dialight

521-9320, -9321, -9327



PART NO.	COLOR
521-9320	Red
521-9321	Yellow
521-9327	Green

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

ABSOLUTE MAXIMUM RATINGS (TA=25°C)	Red	Yellow	Green
	-9320	-9321	-9327
Power Dissipation (mW)	27	36	24
Derating (mA/°C) <i>From 92°C</i>	1	1	1
Forward Current (mA)	7	7	7
Peak Current (mA) <i>Pulse width = 10 μs</i>	500	500	500
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 (TA=25°C)		Red	Yellow	Green
		-9320	-9321	-9327
Luminous Intensity (mcd)	Min.	1.2	1.2	1.2
	Typical	2	1.8	1.8
Peak Wavelength (nm)	Typical	635	583	565
	λ Peak			
Viewing Angle (2 θ ½)	Typical	50°	50°	50°
Forward Voltage (V)	Typical	1.8	1.9	1.8
	Max.	2.2	2.7	2.2
Reverse Voltage (V), I _R =50μA	Min.	5	5	5

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