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Part Number: **5219320F**

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

Operating Characteristics

Color	Red
LED Type	Standard Efficiency
Luminous Intensity Min	1.5
Luminous Intensity Typical	2.3
Luminous Intensity Max	4.2
Test Current mA	2mA
Dominant Wavelength Typical	626nm
Power Dissipation Max	24mW



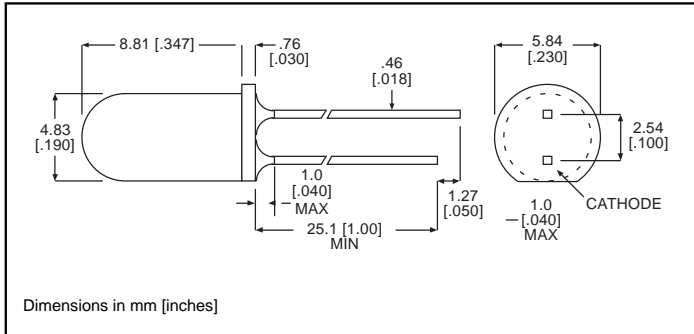
This is a
RoHS Compliant Product
To learn more click here



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

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