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Part Number: **5219465F**


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

Absolute Maximum Ratings (Ta = 25°)

Forward Current mA	25mA
Forward Current Pulsed	500mA
Solder Temperature	260° for 5 sec
Operating Temperature	-20~ +100
Storage Temperature	-55~ +100

Operating Characteristics

Color	 Green
LED Type	GaP
Luminous Intensity Min	11.7
Luminous Intensity Typical	265
Luminous Intensity Max	418
Forward Voltage Min	1.5
Test Current mA	20mA
Dominant Wavelength Typical	569nm



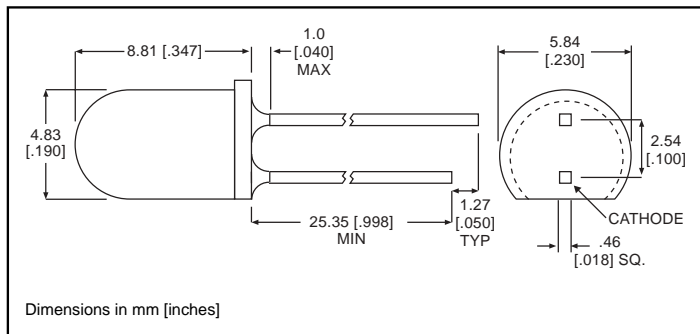
This is a
RoHS Compliant Product
To learn more click here



5mm Discrete LED
Super Bright, Water Clear
Non-Tinted, Non-Diffused

Dialight

521-9464,-9465,-9466



PART NO. COLOR

521-9464	Red
521-9465	Green
521-9466	Yellow

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

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)

	Red -9464	Green -9465	Yellow -9466
Power Dissipation (mW)	135	135	85
Derating (mW/°C) From 25°C 1. From 50 °C	1.8	1.8	1.6 ¹
Forward Current (mA)	30	30	20
Peak Current (mA) Pulse width = 10 μs	500	500	500
Operating Temperature (°C)	-55/+100	-20/+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 ($T_A=25^\circ\text{C}$)

		Red -9464	Green -9465	Yellow -9466
Luminous Intensity (mcd)	Min.	80	80	80
	Typical	125	120	140
Peak Wavelength (nm)	Typical	635	565	583
Viewing Angle (2θ °)	Typical	24°	24°	24°
Forward Voltage (V)	Typical	2.2	2.3	2.2
	Max.	3	3	3
Reverse Voltage (V), $I_R=100\mu\text{A}$	Min.	5	5	5

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

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