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Part Number: **5219466F**


General Description

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

Absolute Maximum Ratings (Ta = 25°)

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

Operating Characteristics

Color	 Yellow
LED Type	GaAsP/GaP
Luminous Intensity Min	96.2
Luminous Intensity Typical	140
Luminous Intensity Max	183.8
Forward Voltage Min	1.5
Test Current mA	20mA
Dominant Wavelength Typical	585nm



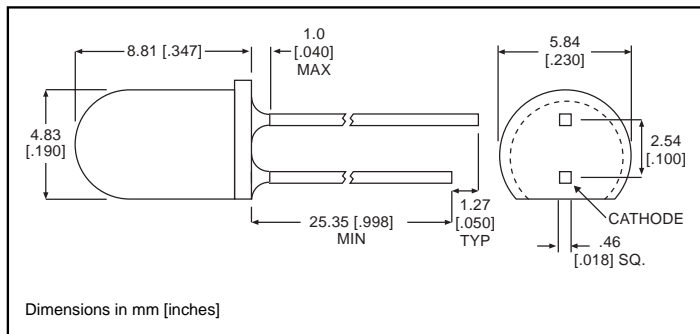
This is a
RoHS Compliant Product
To learn more click here



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

¹ θ is the off axis angle at which the luminous intensity is half the axial luminous intensity

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