

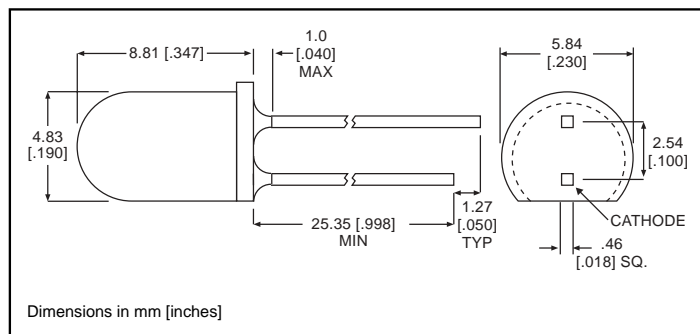
# 5mm Discrete LED

## 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 <sup>1</sup>
Forward Current (mA)	30	30	20
Peak Current (mA) Pulse width = 10 $\mu\text{s}$	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
$\lambda$ Peak				
Viewing Angle ( $2\theta$ °)	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

$\theta$  ° is the off axis angle at which the luminous intensity is half the axial luminous intensity

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