

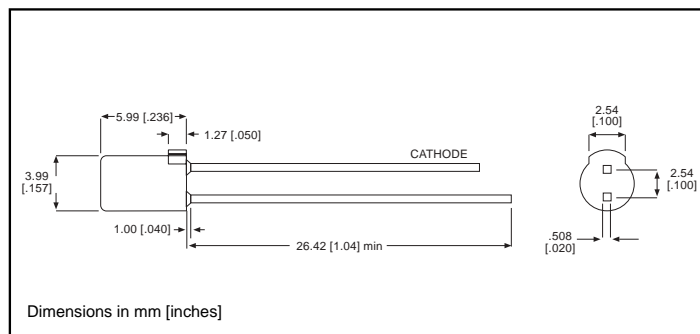
# 4mm Discrete LED

## Flat Top

## Tinted, Diffused

# Dialight

## 521-970x



### PART NO.

521-9706

521-9707

521-9708

### COLOR

Red

Yellow

Green

### ABSOLUTE MAXIMUM RATINGS (T<sub>A</sub>=25°C)

	Red -9706	Yellow -9707	Green -9708
Power Dissipation (mW)	100	60	100
Derating (mW/°C) From 50°C	.4	.25	.4
Forward Current (mA)	30	20	30
Peak Current (mA) Pulse width = 100μs	120	80	120
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 (T<sub>A</sub>=25°C)

		Red -9706	Yellow -9707	Green -9708
Luminous Intensity (mcd)	Min.	2.5	5.6	8.7
	Typical	8.7	8.7	12.6
Peak Wavelength (nm)	Typical	630	585	565
Viewing Angle (2θ ½)	Typical	145°	150°	150°
Forward Voltage (V)	Typical	2	2.1	2.1
	Max.	2.8	2.8	2.8
Reverse Voltage (V), I <sub>R</sub> =100μA	Min.	5	5	5

θ<sup>1</sup> is the off axis angle at which the luminous intensity is half the axial luminous intensity

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