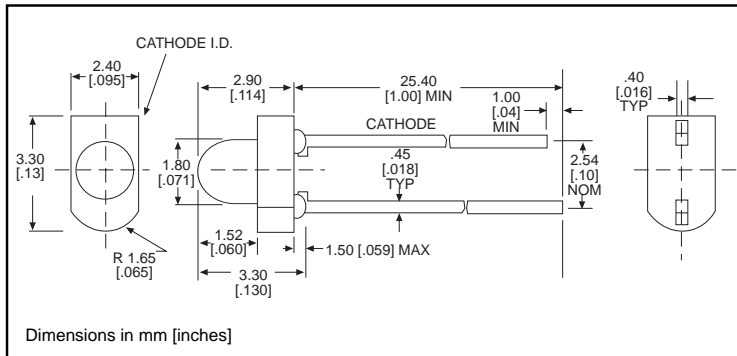




# 2mm Discrete LED Diffused

# Dialight

## 521-9630, -9631, -9632



### PART NO.

521-9630

521-9631

521-9632

### COLOR

Red

Yellow

Green

3

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

	Red -9630	Yellow -9631	Green -9632
Power Dissipation (mW)	100	60	100
Forward Current (mA)	30	20	30
Derating (mA/°C) From 25°C	.4	.25	.4
Peak Current (mA) Pulse width = 10μs	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		

### OPERATING CHARACTERISTICS (T<sub>A</sub>=25°C)

		Red -9630	Yellow -9631	Green -9632
Luminous Intensity (mcd) I <sub>F</sub> =10mA	Min.	3.7	3.7	2.5
	Typical	12.6	12.6	8.7
Peak Wavelength (nm) λ <sub>Peak</sub>	Typical	635	585	565
Viewing Angle (2θ <sub>1/2</sub> )	Typical	38°	38°	38°
Forward Voltage (V) I <sub>F</sub> =20mA	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>1/2</sup> is the off axis angle at which the luminous intensity is half the axial luminous intensity