

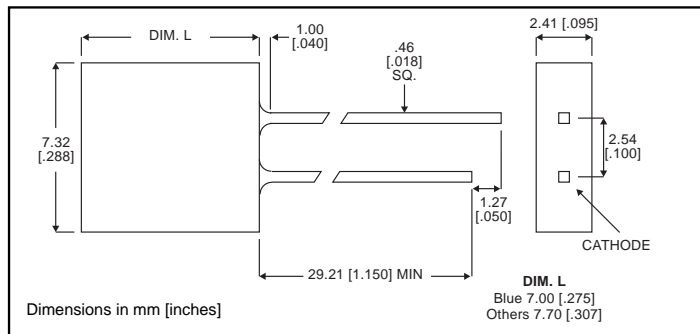
# 2.5mm x 7mm Discrete LED

## Rectangular

## Tinted

# Dialight

## 521-9264, -9265, -9266



### PART NO.

521-9264

521-9265

521-9266

### COLOR

Red

Yellow

Green

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

	Red <b>-9264</b>	Yellow <b>-9265</b>	Green <b>-9266</b>
Power dissipation (mW)	135	85	135
Derating (mW/°C) From 50°C	1.8	1.6	1.8
Forward Current (mA)	30	20	30
Peak Current (mA) Pulse width = 10µs	500	500	500
Operating Temperature (°C)	-55/+100	-55/+100	-20/+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 <b>-9264</b>	Yellow <b>-9265</b>	Green <b>-9266</b>
Luminous intensity (mcd) I <sub>F</sub> =20mA	Min.	2.5	3	1.5
	Typical	5	5	2.5
Peak Wavelength (nm) λ Peak	Typical	635	583	565
Viewing Angle (2θ <sup>1/2</sup> )	Typical	100°	100°	100°
Forward Voltage (V) I <sub>F</sub> =20mA	Typical	1.9	2.1	2.3
	Max.	2.6	2.6	3
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