

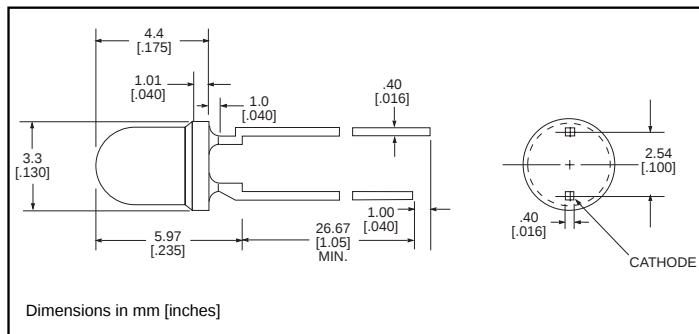
# 3mm Discrete LED

## Low Current

## Diffused

# Dialight

## 521-9324, -9325, -9326



### PART NO.

### COLOR

521-9324

Red

521-9325

Yellow

521-9326

Green

**MOUNTING CLIP:** 515-0006  
located on page 4-65

### ABSOLUTE MAXIMUM RATINGS ( $T_A=25^\circ\text{C}$ )

|                                                          | Red<br>-9324                                       | Yellow<br>-9325 | Green<br>-9326 |
|----------------------------------------------------------|----------------------------------------------------|-----------------|----------------|
| Power Dissipation (mW)                                   | 20                                                 | 20              | 20             |
| Forward Current (mA)                                     | 7                                                  | 7               | 7              |
| Derating (mA/ $^\circ\text{C}$ ) From $90^\circ\text{C}$ | .7                                                 | .7              | .7             |
| Peak Current (mA)<br>Pulse width = 10 $\mu\text{s}$      | 500                                                | 500             | 500            |
| Operating Temperature ( $^\circ\text{C}$ )               | -55/+100                                           | -55/+100        | -55/+100       |
| Storage Temperature ( $^\circ\text{C}$ )                 | -55/+100                                           | -55/+100        | -55/+100       |
| Soldering Temperature                                    | 260 $^\circ\text{C}$ , 5 seconds, 1.6 mm from case |                 |                |

Solder Adherence per MIL-STD-202E, Method 208C

### OPERATING CHARACTERISTICS ( $T_A=25^\circ\text{C}$ )

|                                          |         | Red<br>-9324 | Yellow<br>-9325 | Green<br>-9326 |
|------------------------------------------|---------|--------------|-----------------|----------------|
| Luminous Intensity (mcd)                 | Min.    | 1            | 1               | 1              |
|                                          | Typical | 1.6          | 1.6             | 1.6            |
| Peak Wavelength (nm)                     | Typical | 635          | 585             | 565            |
| $\lambda$ Peak                           |         |              |                 |                |
| Viewing Angle ( $2\theta$ $^\circ$ )     | Typical | 60 $^\circ$  | 60 $^\circ$     | 60 $^\circ$    |
| Forward Voltage (V)                      | Typical | 1.7          | 1.8             | 1.9            |
|                                          | Max.    | 2.2          | 2.7             | 2.2            |
| Reverse Voltage (V), $I_R=50\mu\text{A}$ | Min.    | 5            | 5               | 5              |

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

# Mouser Electronics

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Dialight:

521-9324