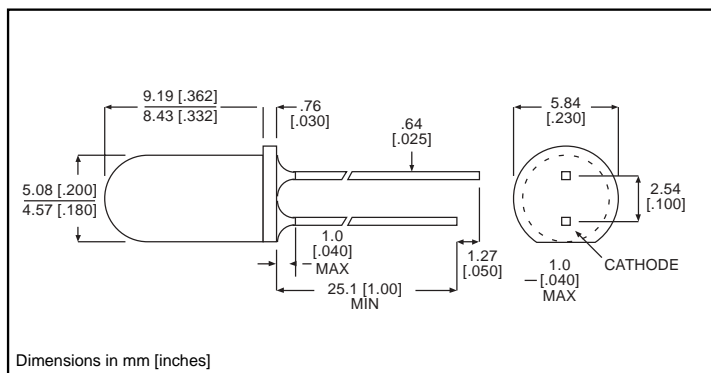


# 5mm Discrete LED Integral Resistor, 5 Volts Diffused

# Dialight

## 521-9183, -9284



### PART NO.

521-9183

521-9284

### LED COLOR

Red

Yellow

**MOUNTING CLIP:** 515-0004  
located on page 6-48

<b>ABSOLUTE MAXIMUM RATINGS</b> ( $T_A=25^\circ\text{C}$ )	Red <b>-9183</b>	Yellow <b>-9284</b>
Forward Voltage (V)	7.5	7.5
Derating ( $V/^\circ\text{C}$ ) From $50^\circ\text{C}$	.071	.071
Operating Temperature ( $^\circ\text{C}$ )	-40/+85	-40/+85
Storage Temperature ( $^\circ\text{C}$ )	-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

<b>OPERATING CHARACTERISTICS</b> ( $T_A=25^\circ\text{C}$ )		Red <b>-9183</b>	Yellow <b>-9284</b>
Luminous Intensity (mcd)	Min.	2	2
$V_F = 5\text{V}$	Typical	8	8
Peak Wavelength (nm)	Typical	635	583
$\lambda$ Peak			
Viewing Angle ( $2\theta^\circ$ )	Typical	60 $^\circ$	60 $^\circ$
Forward Current (I)	Typical	10	10
$V_F = 5\text{V}$	Max	15	15
Reverse Voltage (V), $I_R=100\mu\text{A}$	Min.	5	5

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

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