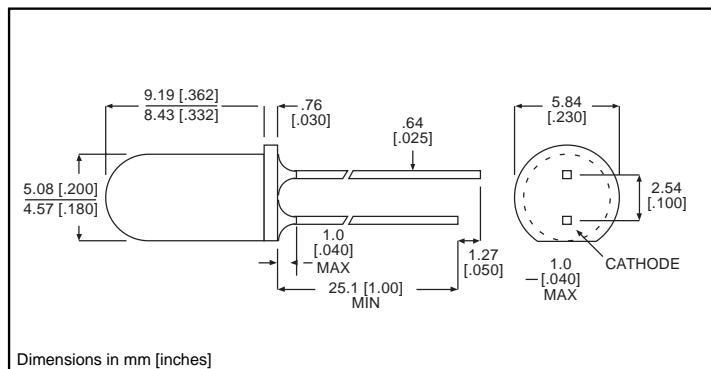


5mm Discrete LED Integral Resistor, 5 Volts Diffused

Dialight

521-9183, -9284



| PART NO. | LED COLOR |
|----------|-----------|
| 521-9183 | Red |
| 521-9284 | Yellow |

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

| ABSOLUTE MAXIMUM RATINGS (T _A =25°C) | Red -9183 | Yellow -9284 |
|---|------------------------------------|-----------------|
| Forward Voltage (V) | 7.5 | 7.5 |
| Derating (V/°C) From 50°C | .071 | .071 |
| Operating Temperature (°C) | -40/+85 | -40/+85 |
| Storage Temperature (°C) | -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 _A =25°C) | Red -9183 | Yellow -9284 |
|--|----------------------|-----------------|
| Luminous Intensity (mcd) V _F = 5V | Min. 2 Typical 8 | 2 8 |
| Peak Wavelength (nm) λ Peak | Typical 635 | 583 |
| Viewing Angle (2θ °) | Typical 60° | 60° |
| Forward Current (I) V _F = 5V | Typical 10 Max 15 | 10 15 |
| Reverse Voltage (V), I _R =100μA | Min. 5 | 5 |

θ¹ is the off axis angle at which the luminous intensity is half the axial luminous intensity

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