

◆ Home > 5219327F

Part Number: **5219327F**


General Description

| | |
|-----------------|-------------------|
| Series | 521 |
| Configuration | 5 mm Lens |
| Description | Discrete LED Lamp |
| Package Options | Bulk Packaging |
| Sizes | 5mm |
| Lamp Type | Single Color |
| Lens Color | Tinted Diffused |

Absolute Maximum Ratings (Ta = 25°)

| | |
|------------------------|----------------|
| Forward Current mA | 7mA |
| Forward Current Pulsed | 500mA |
| Solder Temperature | 260° for 5 sec |
| Operating Temperature | -55 ~ +100 |
| Storage Temperature | -55 ~ +100 |

Operating Characteristics

| | |
|----------------------------|---|
| Color |  Green |
| LED Type | Standard Efficiency |
| Luminous Intensity Min | 1.2 |
| Luminous Intensity Typical | 1.8 |
| Test Current mA | 2mA |
| Power Dissipation Max | 24mW |

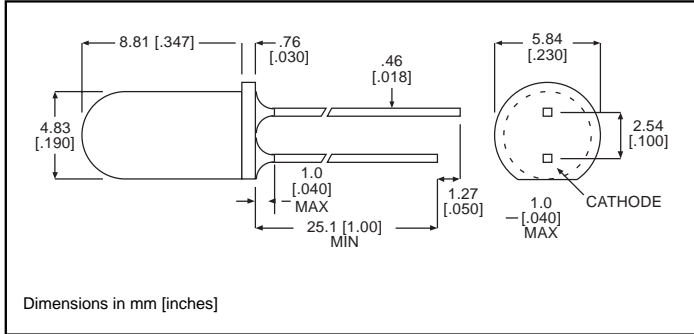


This is a
RoHS Compliant Product
To learn more click here

5mm Discrete LED
Low Current, 2mA
Diffused

Dialight

521-9320, -9321, -9327



| PART NO. | COLOR |
|----------|--------|
| 521-9320 | Red |
| 521-9321 | Yellow |
| 521-9327 | Green |

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

ABSOLUTE MAXIMUM RATINGS (TA=25°C)

| | Red -9320 | Yellow -9321 | Green -9327 |
|--|------------------------------------|-----------------|----------------|
| Power Dissipation (mW) | 27 | 36 | 24 |
| Derating (mA/°C) From 92°C | 1 | 1 | 1 |
| Forward Current (mA) | 7 | 7 | 7 |
| Peak Current (mA) Pulse width = 10 μs | 500 | 500 | 500 |
| 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 | | |

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

OPERATING CHARACTERISTICS (TA=25°C)

| | | Red -9320 | Yellow -9321 | Green -9327 |
|--------------------------------|---------|--------------|-----------------|----------------|
| Luminous Intensity (mcd) | Min. | 1.2 | 1.2 | 1.2 |
| | Typical | 2 | 1.8 | 1.8 |
| Peak Wavelength (nm) λ Peak | Typical | 635 | 583 | 565 |
| Viewing Angle (2θ ½) | Typical | 50° | 50° | 50° |
| Forward Voltage (V) IF=2mA | Typical | 1.8 | 1.9 | 1.8 |
| | Max. | 2.2 | 2.7 | 2.2 |
| Reverse Voltage (V), IR=50μA | Min. | 5 | 5 | 5 |

θ ½ is the off axis angle at which the luminous intensity is half the axial luminous intensity