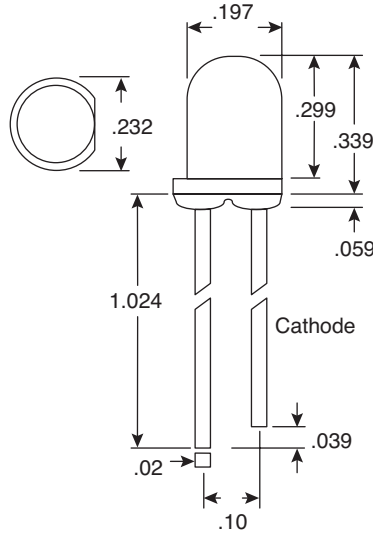




Dimensions (In.)



■ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

| Parameter | 351-5111-RC | 351-5502-RC | 351-5302-RC |
|---|---------------------------------|---------------------------------|---------------------------------|
| Power Dissipation (mW): | 100 | 100 | 75 |
| Forward Current (mA): | 30 | 30 | 30 |
| Peak Forward Current (mA) (Duty 1/10@ 10KHz): | 100 | 120 | 60 |
| Reverse Current @ 5V (µA): | 10 | 10 | 10 |
| Operating Temperature Range: | -40°C to +85°C | -40°C to +85°C | -40°C to +85°C |
| Storage Temperature Range: | -40°C to +100°C | -40°C to +100°C | -40°C to +100°C |
| Lead Soldering Temperature: | .079 from body 260°C for 5 sec. | .079 from body 260°C for 5 sec. | .079 from body 260°C for 5 sec. |

■ ELECTRICAL CHARACTERISTICS (Ta=25°C)

| Characteristics | 351-5111-RC | 351-5502-RC | 351-5302-RC |
|----------------------------------|-------------------|-------------------|-------------------|
| Dice Material: | GaAlAs | GaP | AlGaInP |
| Emitted Light Color: | Red | Green | Yellow |
| Lens Color: | Red Diffused | Green Diffused | Yellow Diffused |
| Forward Voltage (V) @ 20mA: | 1.5 Typ./2.4 Max. | 1.7 Typ./2.6 Max. | 1.7 Typ./2.6 Max. |
| Peak Wavelength (nm): | 660 | 565 | 590 |
| Luminous Intensity (mcd) @ 10mA: | 160 Min./300 Typ. | 50 Min./90 Typ. | 220 Min./350 Typ. |
| Viewing Angle: | 36° | 36° | 36° |

• T-1 3/4 Standard size: 5mm



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