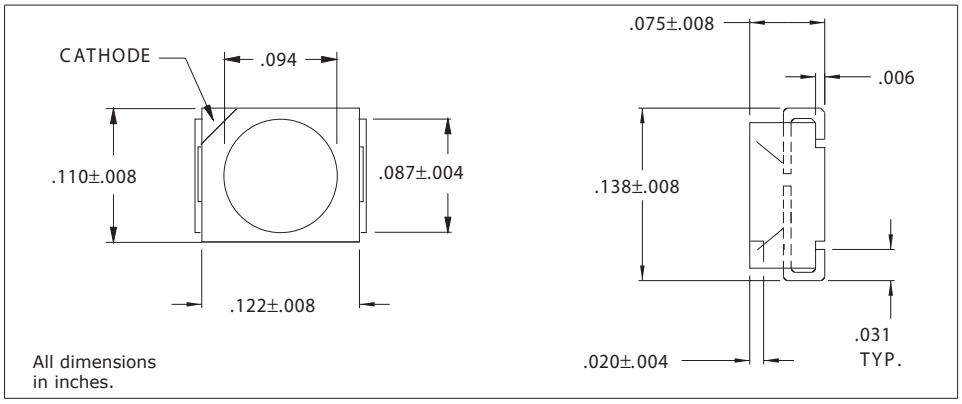
# CMD67-21UWC Series White SMT LEDs

## Description and Features




**Surface Mount T echnology**
- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- Packaged 2000 per reel.

**Leading Edge LED Optoelectronic Performance**
- Consistent high brightness.

**Exceptional Reliability**
- Stringent process controls assure quality.
- Extensive qualification testing to meet strictest requirements.
- Designed to permit easy post-reflow solder joint inspection.

Refer to “Solder Pad Geometry 3.pdf”

## Electro-Optical Characteristics and Ratings

| PART NUMBER | CMD67-21UWC/TR8 |
|---|---|
| Output Color | White |
| Diffusion | Non-Diffused |
| Package Color | Clear |
| Test Current (mA) | 20 |
| Forward Voltage Typ. (V) | 3.6 |
| Forward Voltage Max. (V) | 4.0 |
| Luminous Intensity Min. (mcd) | 120 |
| Luminous Intensity Typ. (mcd) | 170 |
| Luminous Intensity Max. (mcd) | - |
| Peak Wavelength (nm) | 475 |
| Viewing Angle (degrees) | 100 |
| Power Dissipation (mW) | 120 |
| Operating Temperature (°C) | -30 to +80 |
| Storage Temperature (°C) | -40 to +100 |
| Peak Forward Current Max. (1µs @ 10% duty cycle) (mA) | 100 |
| Reverse Voltage (IR=100µA) (V) | 5.0 |
| Lead Solder Time @ 260°C | 5 |

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