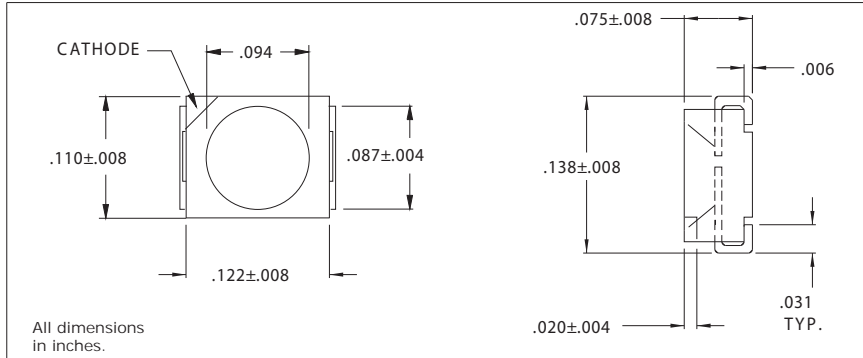




## CMD67-21UWC Series White SMT LEDs

### DESCRIPTION AND FEATURES



#### Surface Mount Technology

- 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.

- Solder pad geometry on page 1-X2.

### 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

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product