

### 5mm Round Water Clear Bubblegum LED

Product Code: AC214-BU-CL-5

#### ABSOLUTE MAXIMUM RATINGS ( $T_A=25^{\circ}\text{C}$ )

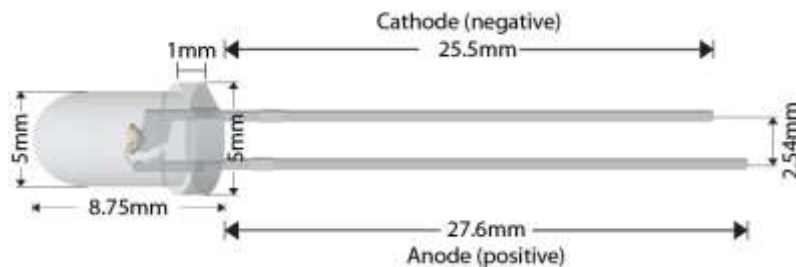
Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current (recommended)	$I_F$	20	mA
Forward Current (absolute maximum)		30	mA
Peak Forward Current*	$I_{FP}$	100	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	100	mW

\*Pulse width  $\leq 0.1$  msec, duty  $\leq 1/10$

#### TYPICAL ELECTRICAL & OPTICAL CHARACTERISTICS ( $T_A=25^{\circ}\text{C}$ )

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	$I_V$	$I_F=20\text{mA}$	4000		5000	mcd
Forward Voltage	$V_F$	$I_F=20\text{mA}$	3.0		3.2	V
Wavelength	$\lambda_D$	$I_F=20\text{mA}$				nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$		30		Deg

#### LED DIMENSIONS



#### Notes:

1. All dimension units are millimeters.
2. Tolerance for all dimensions is  $\pm 0.2\text{mm}$ .
3. An epoxy meniscus may extend about 1mm down the leads.
4. Lead spacing is measured where the leads emerge from the package.