

### 5mm Round Water Clear Orange LED

Product Code: AC203-OR-CL-5

#### ABSOLUTE MAXIMUM RATINGS (T<sub>A</sub>=25°C)

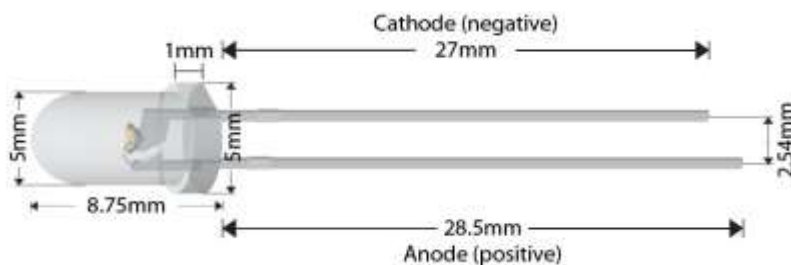
Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current (recommended)	I <sub>F</sub>	20	mA
Forward Current (absolute maximum)		30	mA
Peak Forward Current*	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	100	mW

\*Pulse width ≤ 0.1 msec, duty ≤ 1/10

#### TYPICAL ELECTRICAL & OPTICAL CHARACTERISTICS (T<sub>A</sub>=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> =20mA	1000		2100	mcd
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	1.8		2.0	V
Wavelength	λ <sub>D</sub>	I <sub>F</sub> =20mA	600		610	nm
Viewing Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA		30		Deg

#### LED DIMENSIONS



#### Notes:

1. All dimension units are millimeters.
2. Tolerance for all dimensions is +/-0.2mm.
3. An epoxy meniscus may extend about 1mm down the leads.
4. Lead spacing is measured where the leads emerge from the package.