

5mm Round Water Clear Ruby LED

Product Code: AC202-RU-CL-5

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

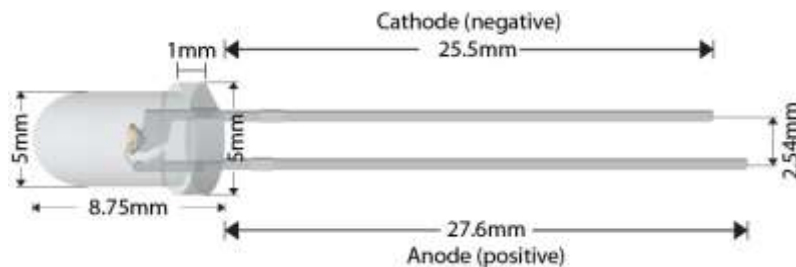
Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current (recommended)	I _F	20	mA
Forward Current (absolute maximum)		30	mA
Peak Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	100	mW

*Pulse width ≤ 0.1 msec, duty ≤ 1/10

TYPICAL ELECTRICAL & OPTICAL CHARACTERISTICS (T_A=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I _V	I _F =20mA	600		800	mcd
Forward Voltage	V _F	I _F =20mA	1.8		2.0	V
Wavelength	λ _D	I _F =20mA	640		645	nm
Viewing Angle	2θ _{1/2}	I _F =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.