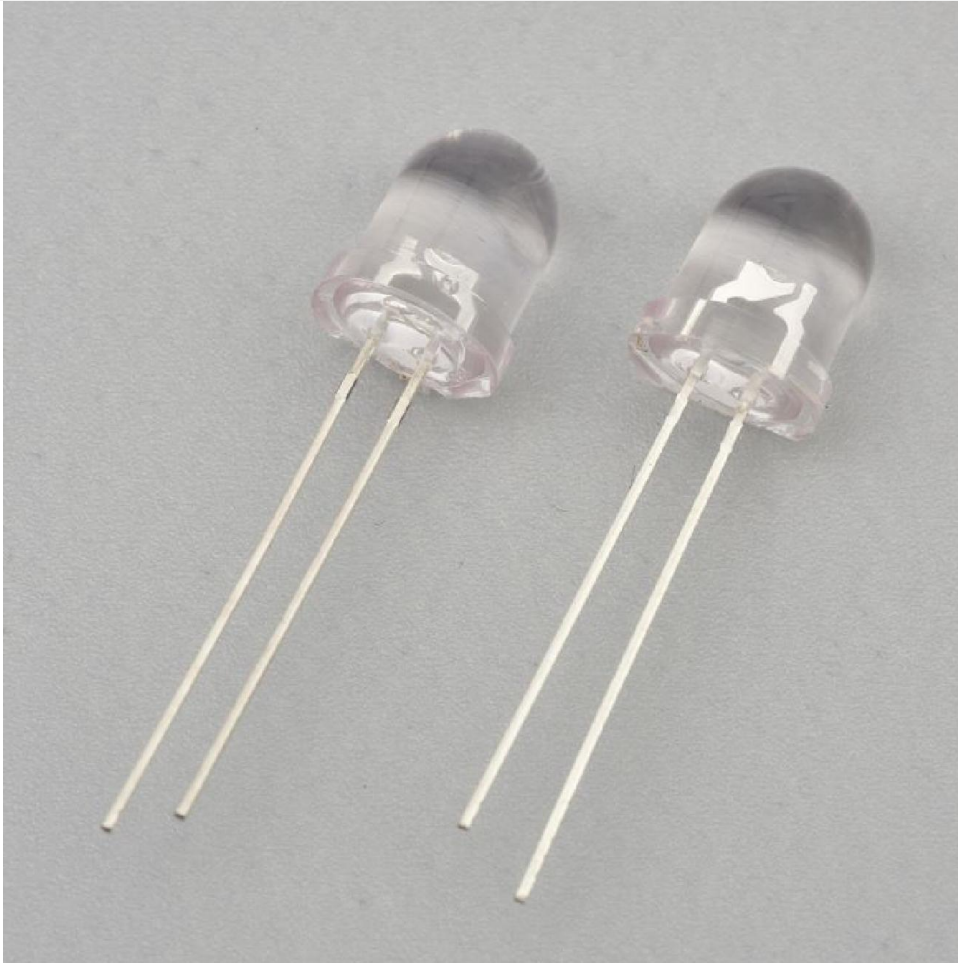


## 8mm Round LED



### 8MM Red Led Light Emitting Diode

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Lens color:Water clear

#### Product Details

### 8MM Red Led Light Emitting Diode

Model : 8AR2HC09			
Typical Electrical & Optical Characteristics (Ta = 25°C)			
Parameter	Symbol	Value	Unit

Max Power Dissipation				PM	300	mW
Max Continuous Forward Current				IFM	150	mA
Max Reverse Voltage				VRM	5	V
Peak Forward Current				IFP	300	mA
Lead Soldering Temperature/Time				TSOL	240/≤3S	°C/S
Operating Temperature Range				TOPR	(-25)-(85)	°C
Storage Temperature Range				TSTR	(-30)-(100)	°C
Initial Electrical Optical Characteristics						
Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	15	18	20	LM	IF=150mA
Viewing Angle	2Ø1/2	/	120	/	deg	IF=150mA
Peak Wave Length	λp	/	/	/	nm	IF=150mA
Dominant Wave Length	λd	620		625	nm	IF=150mA
Spectral Width at half height	Δλ	/	/	/	nm	IF=150mA
Forward Voltage	VF	1.9	2.1		V	IF=3.2v
Reverse Current	IR	/	/	≤50	μA	VR=5V

\*\*\*\*\*wavelength option:led red 633 nm,640nm.