

Rua Os Dezoito do Forte 1634, Caxias do Sul / RS - CEP 95020-472



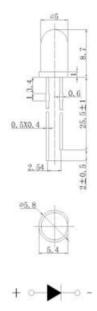
Specification for LED Product – 5AR4UCO9

5AR4UC09								
■ Typical Electrical & Optical Characteristics (Ta = 25 °C)								
ITEMS	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT		
Forward Voltage	VF	IF = 20mA	1.4	1.8	2.5	V		
Reverse Current	IR	VR = 5V			1.1	μA		
Dominant Wavelength	λD	IF = 20mA	620		630	nm		
Luminous Intensity	IV	IF = 20mA	1627	2075	2666	med		
50% Power Viewing Angle	201/2	IF = 20mA		14		deg		

■ Absolute Maximum Ratings at (Ta = 25°C)					
ITEMS	SYMBOL	ABSOLUTE MAXIMUM RATING	UNIT		
Forward Current	IF	50	mA		
Peak Forward Current	IFP	220	mA		
Continuous Forward Current	IL	20	mA		
Reverse Voltage	VR	5	v		
Power Dissipation	PD	90	mW		
Operation Temperature	Topr	-40 ~ +80	°C		
Storage Temperature	Tstg	-40 ~ +80	°C		
Lead Soldering Temperature	Tsol	Max.260°C for 5 sec Max.	•		

 $\begin{tabular}{ll} IFP Conditions: Pulse Width \le 10msec duty \le 1/10 \\ Tsol Conditions: 4mm from the base of the epoxy bulb \\ \end{tabular}$

Package Dimensions(mm)



Notes:

- 1. All dimension units are millimeters.
- 2. All dimension tolerance is ± 0.2 mm unless otherwise noted.
- 3. An epoxy meniscus may extend about 1.5mm down the leads.
- 4. Burr around bottom of epoxy may be 0.5mm max.

Synopsis:

5mm Round Type Red LED Lamp Water Clear Lens