

Specification for LED Product – 5AR4UC09

| 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 | λ D | IF = 20mA | 620 | --- | 630 | nm |
| Luminous Intensity | IV | IF = 20mA | 1627 | 2075 | 2666 | med |
| 50% Power Viewing Angle | 2θ½ | 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. | |

IFP Conditions: Pulse Width ≤ 10msec duty ≤ 1/10
Tsol Conditions: 4mm from the base of the epoxy bulb

Package Dimensions(mm)



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ±0.2mm 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