

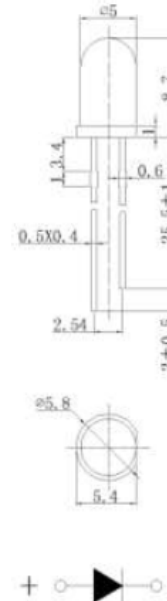
## Specification for LED Product - 5AY4UC09

5AY4UC09						
■ Typical Electrical & Optical Characteristics (Ta = 25°C)						
ITEMS	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	VF	IF = 20mA	1.4	1.9	2.4	V
Reverse Current	IR	VR = 5V	---	---	1.1	μA
Dominant Wavelength	λ D	IF = 20mA	586	---	590	nm
Luminous Intensity	IV	IF = 20mA	2338	2685	3395	mcd
50% Power Viewing Angle	2θ½	IF = 20mA	---	13	---	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	95	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

### 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:

- 1) 5mm
- 2) 5mm Round Type
- 3) Yellow LED Lamp
- 4) Water Clear Lens