

# OPA6911

## Red LED Chip

GaP / GaP

**1. Material**      Substrate      GaP      (N Type)  
                          Epitaxial Layer      GaP      (P/N Type)

**2. Electrode**      N (Cathode) Side Gold Alloy  
                          P (Anode) Side Gold Alloy

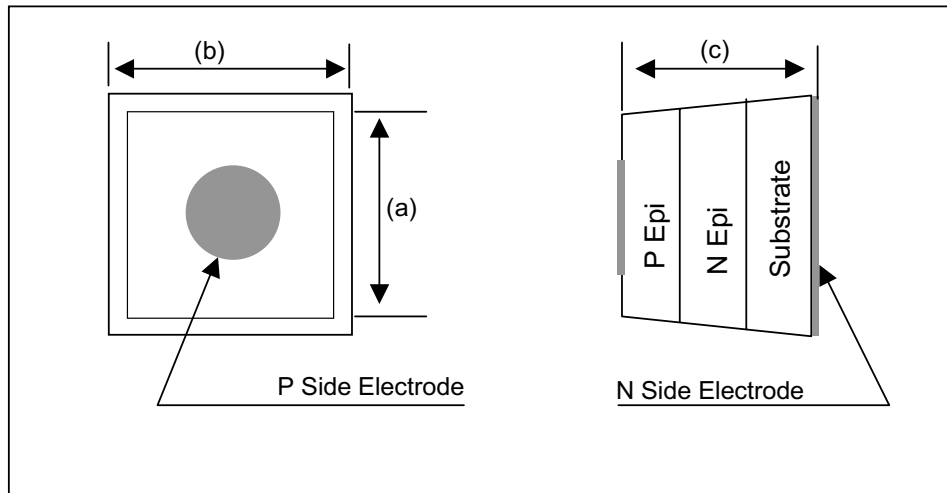
### 3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.8		V	$I_F=1mA$
	$V_{F(2)}$		2.2	2.5	V	$I_F=20mA$
Reverse Voltage	$V_R$	6.0			V	$I_R=10\mu A$
Brightness	$I_V$	20	35		mcd	$I_F=20mA$
Wavelength	Hue		700		nm	$I_F=20mA$
	$\Delta\lambda$		100		nm	$I_F=20mA$

※ Note: Assembled into T1<sup>3</sup>/<sub>4</sub> plastic package.

**4. Mechanical Data**

- (a) Emission Area ----- 10mil × 10mil
- (b) Bottom Area ----- 12mil × 12mil
- (c) Chip Thickness ----- 11mil



Knowledge\*on Inc.

For more information, visit our website at [www.knowledge-on.com](http://www.knowledge-on.com)

513-37 Eoyang-dong, Iksan, 570-210, Korea. Tel: +82-63-839-1111. Fax: +82-63-835-8259

