

# OPA5625H

High Bright

## Standard Green LED Chip

GaP / GaP

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

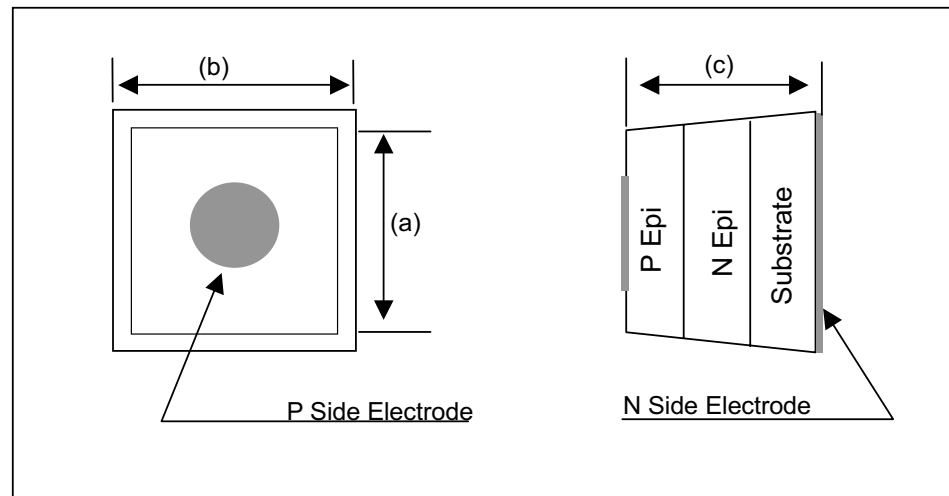
**2. Electrode** N (Cathode) Side Gold Alloy  
P (Anode) Side Gold Alloy

### 3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.8		V	$I_F=1\text{mA}$
	$V_{F(2)}$		2.2	2.5	V	$I_F=20\text{mA}$
Reverse Voltage	$V_R$	6.0			V	$I_R=10\mu\text{A}$
Brightness	$I_V$	500	650		mcd	$I_F=20\text{mA}$
Wavelength	Hue		567		nm	$I_F=20\text{mA}$
	$\Delta\lambda$		26		nm	$I_F=20\text{mA}$

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

**4. Mechanical Data** (a) Emission Area ----- 12mil × 12mil  
(b) Bottom Area ----- 14mil × 14mil  
(c) Chip Thickness ----- 11mil



Knowledge\*on Inc.

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