

OPA5625

Standard Green LED Chip

GaP / GaP

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

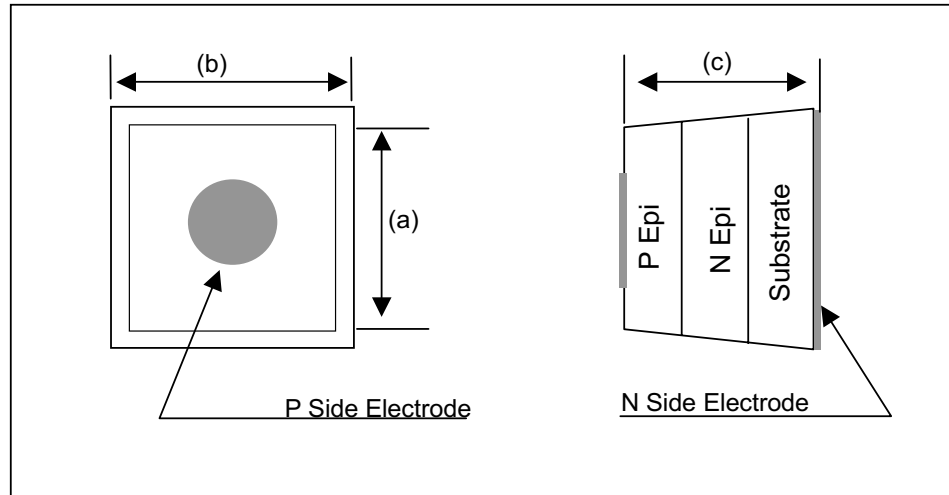
2. Electrode
 N (Cathode) Side Gold Alloy
 P (Anode) Side Gold Alloy

3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.8		V	$I_F=1mA$
	$V_{F(2)}$		2.1	2.5	V	$I_F=20mA$
Reverse Voltage	V_R	6.0			V	$I_R=10\mu A$
Brightness	I_V	300	500		mcd	$I_F=20mA$
Wavelength	Hue		567		nm	$I_F=20mA$
	$\Delta\lambda$		26		nm	$I_F=20mA$

※ Note: Assembled into T1^{3/4} plastic package.

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



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