

OPA6123UO

Ultra Bright

Ultra Orange LED Chip

AlGaInP /GaAs

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

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

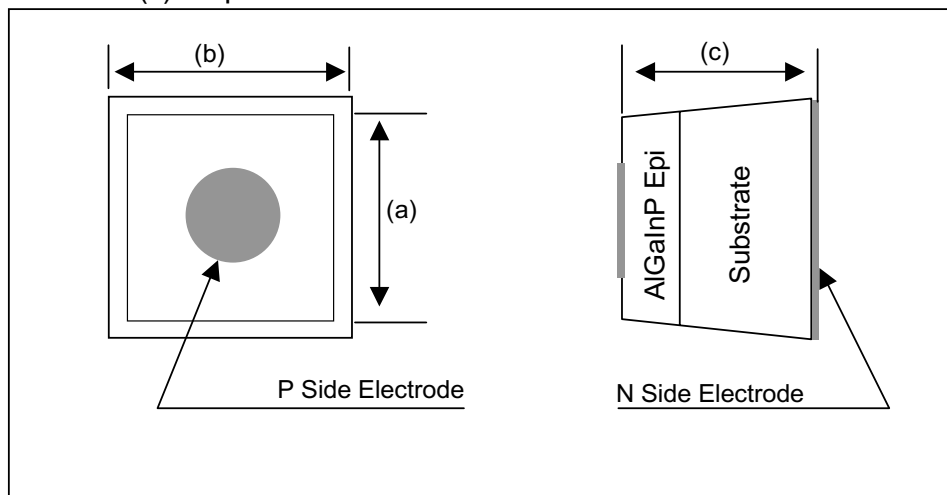
3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.7		V	$I_F=1mA$
	$V_{F(2)}$		2.1	2.5	V	$I_F=20mA$
Reverse Voltage	V_R	6.0			V	$I_R=100\mu A$
Brightness	I_V	A	15	26	mcd	$I_F=20mA$
		B	25	40		
		C	35	50		
		D	50	68		
		E	60	90		
		F	75	110		
Wavelength	λ_P		621		nm	$I_F=20mA$
	λ_D		615		nm	$I_F=20mA$
	$\Delta\lambda$		18		nm	$I_F=20mA$

※ Note : Assembled into TO-18 Header without resin coating.

4. Mechanical Data

- (a) Emission Area ----- 8mil × 8mil
- (b) Bottom Area ----- 9mil × 9mil
- (c) Chip Thickness ----- 7mil



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