

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

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

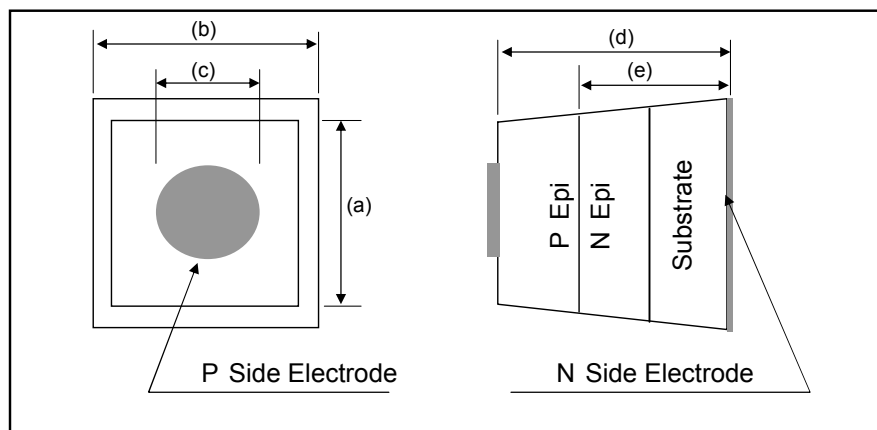
**3. Electro-Optical
Characteristics**

Parameter	Symbo	Min	Typ	Max	Unit	Condition
Forward Voltage	V_F		1.5	1.6	V	IF=100mA
Reverse Voltage	V_R	10			V	IR= 0.1uA
Power	P_O	22	27		mW	IF=100mA
Wavelength	λ_P		940		nm	IF=20mA
	$\Delta\lambda$		45		nm	IF=20mA

※ Note : Power is measured by Sorter E/T system with bare chip.

4. Mechanical Data

(a) Emission Area	-----	10.0mil x	10.0mil
(b) Bottom Area	-----	11.0mil x	11.0mil
(c) Bonding Pad	-----	130um	
(d) Chip Thickness	-----	11mil	
(e) Junction Height	-----	8.6mil	



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