

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

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

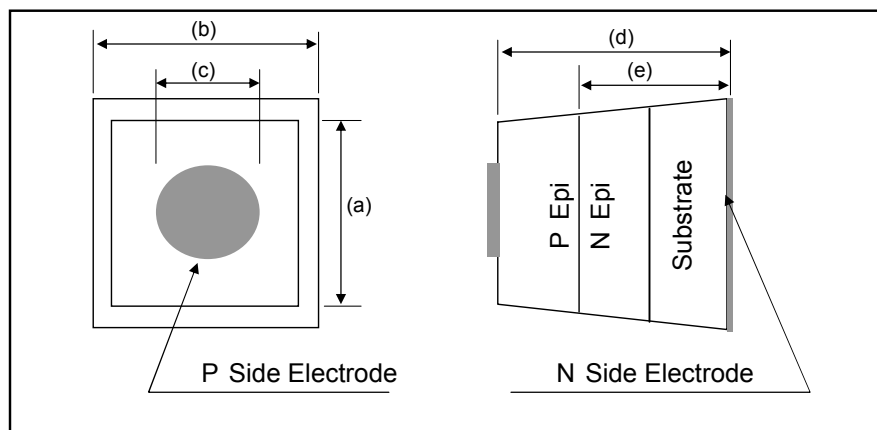
**3. Electro-Optical
Characteristics**

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	25	30		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	-----	9.0mil x	9.0mil
(b) Bottom Area	-----	10.0mil x	10.0mil
(c) Bonding Pad	-----	130um	
(d) Chip Thickness	-----	11mil	
(e) Junction Height	-----	8.6mil	



AUK Corp.

Eoyang factory, 513-5 Eoyang-dong, Iksan, 570-210, Korea
Tel. +82 63 839 1111 Fax. +82 63 835 8259
www.auk.co.kr

