

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

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

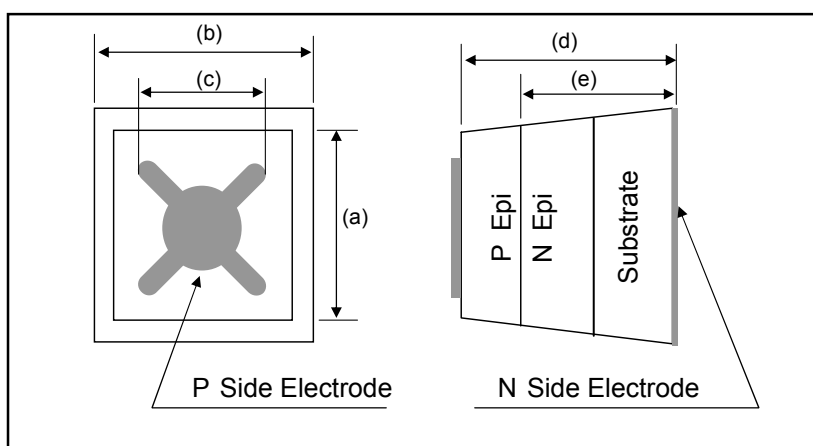
3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	V_F		1.4	1.6	V	IF=100mA
Reverse Voltage	V_R	8			V	IR=10uA
Power	P_O		5.5		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	-----	12.8mil x 12.8mil
(b) Bottom Area	-----	13.8mil x 13.8mil
(c) Bonding Pad	-----	150um
(d) Chip Thickness	-----	11mil
(e) Junction Height	-----	8.2mil



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