

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

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

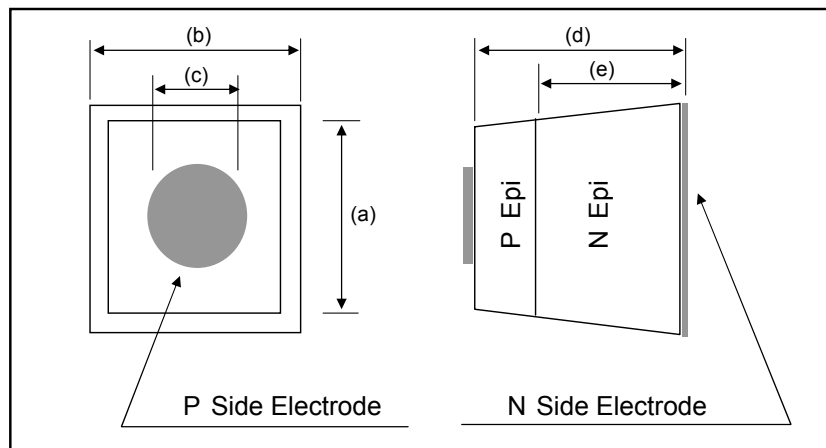
3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.1		V	IF=10uA
	$V_{F(2)}$		1.65	1.8	V	IF=50mA
Reverse Voltage	V_R	5			V	IR=10uA
Power	P_O	6	7	9	mW	IF=50mA
Wavelength	λ_P		850		nm	IF=50mA
	$\Delta\lambda$		45		nm	IF=50mA
Rise Time	T_r		15		ns	
Fall Time	T_f		8		ns	

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

4. Mechanical Data

(a) Emission Area	-----	8.1mil x 8.1mil
(b) Bottom Area	-----	9.1mil x 9.1mil
(c) Bonding Pad	-----	110um
(d) Chip Thickness	-----	7mil
(e) Junction Height	-----	6.0mil



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