

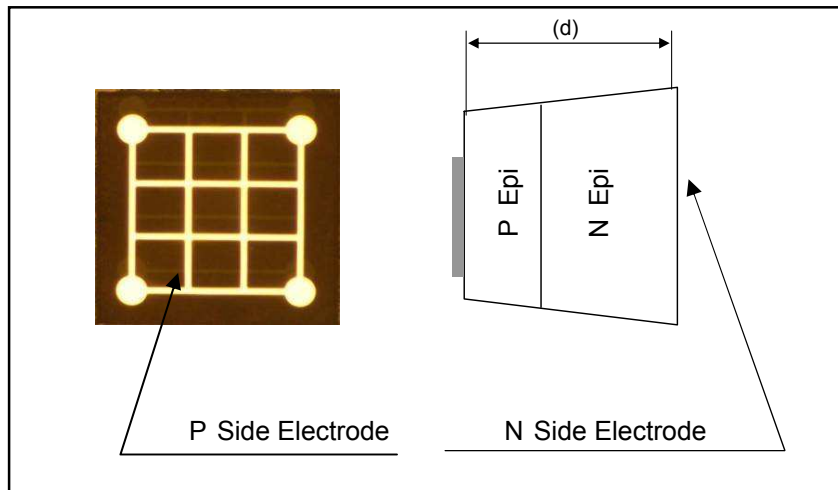
**1. Material** Substrate GaAs (N Type)  
Epitaxial Layer AlGaAs (P/N Type)

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

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_F$			2.1	V	IF=350mA
Reverse Current	$V_R$	4			V	IR=10uA
Power	$P_O$	17			mW	IF=350mA
Wavelength	$\lambda_P$		770		nm	IF=50mA
	$\Delta\lambda$		30		nm	IF=50mA

※ Note : LED chip is mounted on TO-18 gold header without resin coating

**4. Mechanical Data** (a) Emission Area ----- 39.0mil x 39.0mil  
 (b) Bottom Area ----- 40.0mil x 40.0mil  
 (c) Bonding Pad ----- 120um  
 (d) Chip Thickness ----- 7.8mil



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