

AlGaAs/GaAs LED Chip ---TK0914E1A

1. Scope

- light source.
- Type : TK0914E1A.

2. Structure

- **AlGaAs/GaAs** DH LED Chip.
- P Electrode (anode) : Gold.
- N Electrode (cathode) : Gold.

3. Size

- Chip size : $330 \times 330 \pm 20\mu\text{m}$
- Thickness : $250 \pm 20\mu\text{m}$
- Pattern drawing : per fig. 1

4. Electro-Optical Characteristics

Electro-Optical Specifications @ T = 25 °C

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Wavelength	λ	CW	1025	1045	1065	nm
Spectral width	$\Delta\lambda$	CW RMS			170	nm
Chip Power	Po	If=50mA	2			mW
Forward voltage @20mA	Vf	CW		1.14	1.5	V
Leakage current	Ir	Vr=2V			5.00	μA

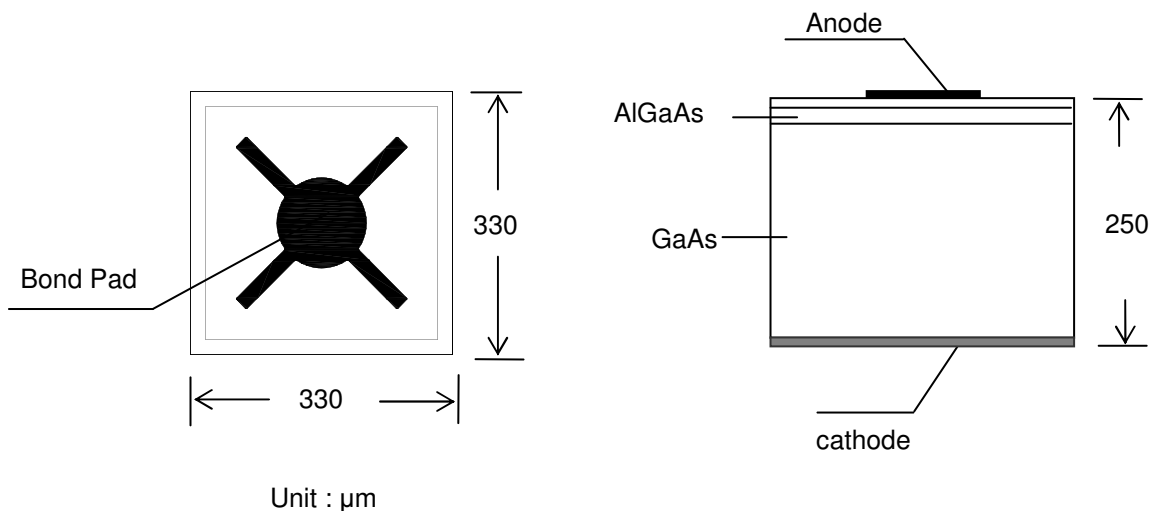


fig.1

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