

OPA5923UYO

Ultra Yellow LED Chip

Ultra Bright

GaAs/AlGaInP

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

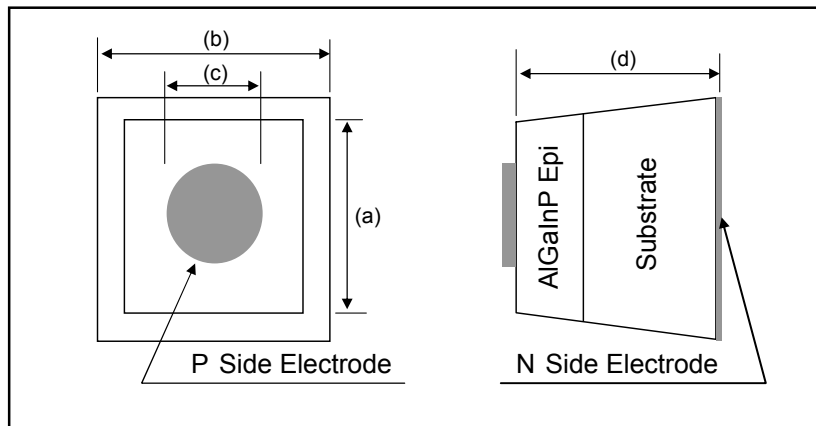
2. Electrode N(Cathode) Side Gold Alloy
P(Anode) Side Gold Alloy

3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	V_F		2.2	2.5	V	IF=20mA
Reverse Current	I_R			100	uA	VR=5V
Brightness	I_v	A	80	100	mcd	IF=20mA
		B	100	120		
		C	130	140		
		D	140	160		
Wavelength	λ_d		590		nm	IF=20mA
	$\Delta\lambda$		20		nm	IF=20mA

※ Note : Luminous Intensity is measured on bare chips.

4. Mechanical Data (a) Emission Area ----- 8mil x 8mil
(b) Bottom Area ----- 9mil x 9mil
(c) Bonding Pad ----- 100um
(d) Chip Thickness ----- 7mil



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

