

470nm GaN Blue LED chip

Features:

- Peak wavelength 470 nm
- Low current
- Long life time
- High illumination

Application

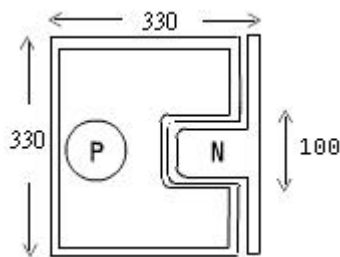
- Consumer Applications
- Sign or display
- Industry display
- Automobile industry

Electro-optical characteristics: (@ 25°C)

Characteristics	Test Conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_f = 20 \text{ mA}$	V_f	-		3.2	V
Reverse voltage	$I_r = 10 \text{ uA}$	V_r	-	5	-	V
Light	$I_f = 20 \text{ mA}$	I_n	30	35	40	mcd
Peak wavelength	$I_f = 20 \text{ mA}$	λ_p	470		475	nm
Spectra half-width	$I_f = 20 \text{ mA}$	$\Delta \lambda$	-	-	-	nm

Metrodyne reserves the right to make changes due to the improvement of process and package technology

Chip diagram



Chip size : 330um x 330um
 Chip thickness : 90±10um
 Bonding pad : 100um

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