



YETDA INDUSTRY LTD.

3mm Blinking (Red、Green、Blue) LED Lamps B300RGB4F-S

3mm with FLASH IC and Pure Green and Blue dice ◦

Encapsulated with Water Clear package ◦

Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-30°C to +85°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

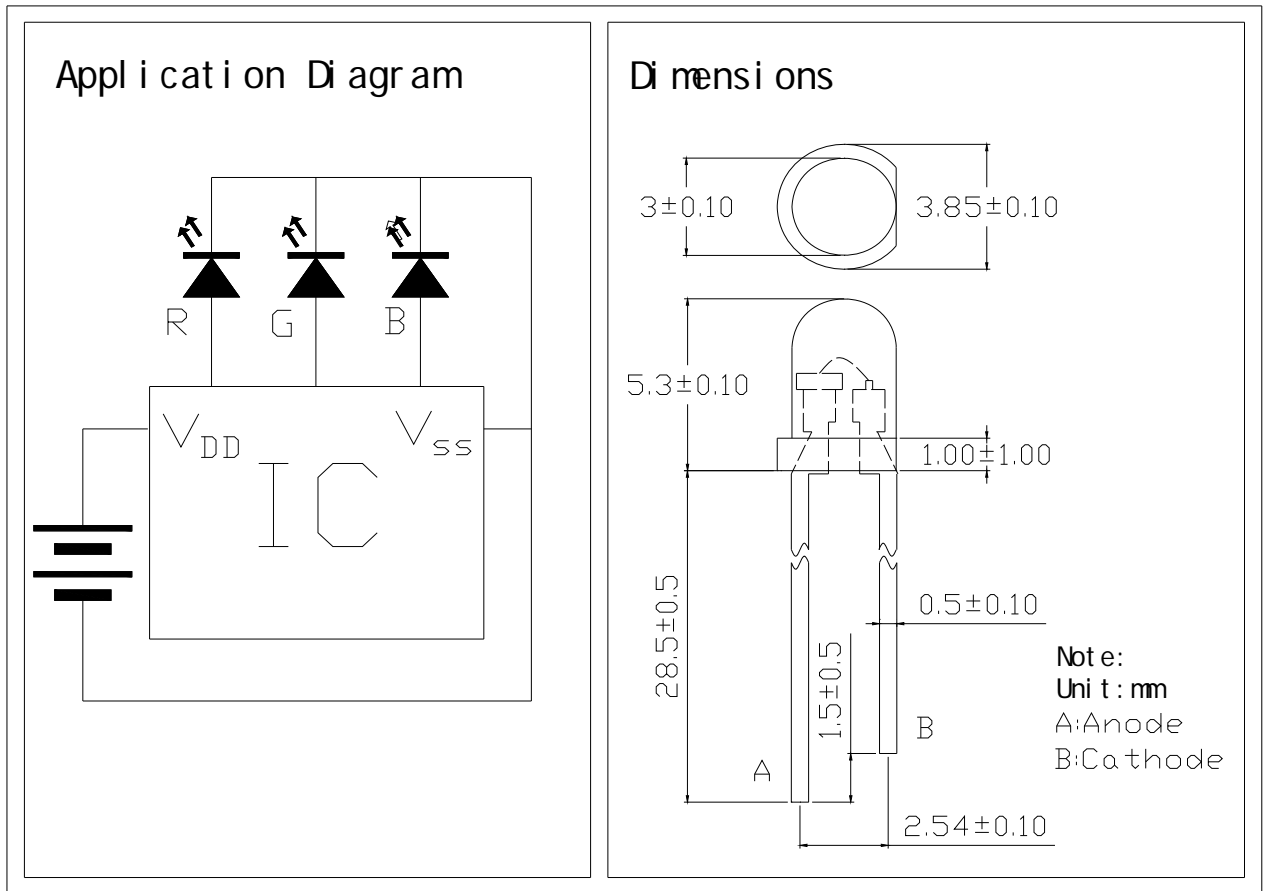
Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	If = 20mA	R		2.0	2.25	V	
		G		3.2	3.5		
		B		3.2	3.5		
Reverse Current	Vr = 5V	Ir			10	uA	
Luminous Intensity	If = 20mA	R		500		mcd	
		G		1500			
		B		1000			
Spectral Bandwidth	If = 20mA	$\Delta\lambda$				nm	
Wavelength	If = 20mA	λ_p	R		620	625	nm
			G		520	525	
			B		465	470	
		λ_d				nm	
Half View Angle	If = 20mA	$2\theta_{1/2}$		80		deg	



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Application diagram or Dimensions



Flash Picture

