



YETDA INDUSTRY LTD.

5mm Blinking (Red + Pure Green + Blue) LED Lamps B500RGB4F

*5mm with FLASH IC and Red 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	-20°C to +75°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	Vf	3.0	3.8	4.5	V	
Reverse Current	Vr = 5V	Ir			10	uA	
Luminous Flux	If = 20mA	Iv	R	500	800	1200	mcd
			G	1500	2000	2500	
			B	800	1000	1200	
Spectral Bandwidth	If = 20mA	$\Delta \lambda$	R		25		nm
			G		30		
			B		30		
Wavelength	If = 20mA	λ_p	R				nm
			G				
			B				
		λ_d	R	640	643	645	nm
			G	510	515	520	
			B	460	465	470	
Half View Angle	If = 20mA	2 $\theta_{1/2}$		15		deg	



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Package

Item: B500RGB

