



# YETDA INDUSTRY LTD.

## 5mm Red LED Lamps 500H1B

5mm with Red dice.

Encapsulated with Red diffused color package.

Short Leads.

### Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	- 40 to + 85	
Storage Temperature Range	- 50 to + 100	
Lead Soldering Temperature	260 for 3 seconds 1.6mm(0.063 inch) from body	

### Electro-Optical Characteristics ( Ta = 25 )

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	1.90	2.35	2.60	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	2			mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		100		nm
Wavelength	If = 20mA	$\lambda_p$		700		nm
		$\lambda_d$				nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		120		deg

### Package

Item: 500B

