



YETDA INDUSTRY LTD.

5mm White LED Lamp S500AW4G

- 5mm with Super-Bright Dice.
- High Reliability / Durable.
- High Saturated Current (200mA).
- High Power (0.25W).
- High Esd (2000V Up).
- Encapsulated with White Clear Color Package.
- Long 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		3.6	4.0	V
Reverse Current	Vr = 5V	Ir			100	uA
Luminous Intensity	If = 20mA	Iv	2800	3300	4800	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		65		nm
Wavelength	If = 20mA	X		0.31		
		Y		0.32		
Half View Angle	If = 20mA	2 θ 1/2		25		deg

Please refer to CIE1931 Chromaticity Coordinate diagram

Package

Item: 500

