



YETDA INDUSTRY LTD.

5mm White LED Lamps S500AW4G-S

5mm with Super-bright Dice.
 High Reliability / Durable
 High Saturated Current (200 mA)
 High Power (0.25W)
 High Esd (2000V Up)
 Encapsulated with Water 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	- 30 to + 85	
Storage Temperature Range	- 30 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	3.0	3.4	3.8	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	8000	9000	10000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		20		nm
Wavelength	If = 20mA	X		0.31		
		Y		0.32		
Half View Angle	If = 20mA	2 θ 1/2		30		deg

Please refer to CIE1931 Chromaticity Coordinate diagram

Package

Item: 500

