



# YETDA INDUSTRY LTD.

## F500IOHTGG2K-CC 5mm Red + Green Bi Color LED Lamps

- \* 5mm Bi-color with High Bright Red and Pure-Green Dice.
- \* Encapsulated with Milky Diffused Package with 3 lead.
- \* Common Cathode

### Absolute Maximum Ratings : ( Ta=25°C )

Parameter	Symbol	Red	Green	Unit
Power Dissipation	PD	100	70	mw
Reverse Voltage	VR	5	5	V
Average Forward Current	LAF	30	25	mA
Peak Forward Current (Duty=0.1,10KHZ)	IPF	200	90	mA
Operating Temperature Range	TOPR	-20°C to +80 °C		
Storage Temperature Range	TSTG	-40°C to +100 °C		
Lead Soldering Temperature { 1.6mm(0.063inch) From Body } 260°C For 3 Seconds				

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

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	IF = 20mA	Red	VF		2.0	2.4	V
		Green			3.2	3.8	
Reverse Current	VR = 5V	IR			10	uA	
Luminous Intensity	IF = 20mA	Red	IV		200		mcd
		Green			800		mcd
Wavelength	IF = 20mA	Red	λp		625		nm
		Green			525		nm
Viewing Angle	IF = 20mA	2θ 1/2			60	deg	

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