



YETDA INDUSTRY LTD.

F500SKGT4K-CA 5mm Red + Green Bi-Color LED Lamps

- * 5mm Bi-color with Super Bright Red and Green Dice.
- * Encapsulated with Water Clear Lens Package with 3 leads
- * Common Anode.

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	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	Red	IF = 20mA	VF	1.8	2.2	V
	Green			2.2	2.6	
Reverse Current	VR = 5V	IR			10	uA
Luminous Intensity	Red	IF = 20mA	IV	200	300	mcd
	Green			200	300	
Wavelength	Red	IF = 20mA	λD	660		nm
	Green			573		
Viewing Angle	IF = 20mA	2θ 1/2		20		deg

Item:F500XX

