



YETDA INDUSTRY LTD.

F300ICHICY4K-CA 3mm Red + Yellow Bi Color LED Lamps

- * 3mm Bi-color with AlGaInP Red and AlGaInP Yellow Dice.
- * Encapsulated with Water Clear Package with 3 leads.
- * Common Anode

Absolute Maximum Ratings : (Ta=25°C)

Parameter	Symbol	Red	Yellow	Unit
Power Dissipation	PD	100	100	mw
Reverse Voltage	VR	5	5	V
Average Forward Current	LAF	30	30	mA
Peak Forward Current (Duty=0.1,10KHZ)	IPF	200	200	mA
Operatating 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	IF = 20mA	VF	Red	1.8	2.2	2.4
			Yellow	1.8	2.2	2.4
Reverse Current	VR = 5V	IR			10	uA
Luminous Intensity	IF = 20mA	IV	Red		5080	
			Yellow		5080	
Wavelength	IF = 20mA	λD	Red	620	625	630
			Yellow	585	590	595
Viewing Angle	IF = 20mA	2θ 1/2		30		deg

