



YETDA INDUSTRY LTD.

5mm Red / Yellow Green Bi-Color Led F500ITHITG2H

- 5mm with AlGaInP Dice ◦
- Encapsulated with Milky Package. ◦
- Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-50°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	Red	IF = 20mA	Vf	2.0		2.4	V
	Green			2.0		2.4	
Reverse Current	VR = 5V	Ir			10	uA	
Luminous Intensity	Red	IF = 20mA	Iv	1000		1500	mcd
	Green			600		800	
Spectral Bandwidth	IF = 20mA	Δλ				nm	
Wavelength	Red	IF = 20mA	λd		625		nm
	Green				573		
Viewing Angle	IF = 20mA	2 θ1/2		20		deg	

Package

