

## 5mm Red Blue Bi-Color Led Series F500RB2K

- \* 5mm Bi-color with High Bright Red and Blue Dice.
- \* Encapsulated with Milky Color Package.
- \* Common Cathode
- \* 3 Leads

### 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 Red Blue	IF = 20mA	VF		2.05	2.60	V
				3.2	3.8	
Reverse Current	VR = 5V	IR			10	uA
Luminous Intensity Red Blue	IF = 20mA	Iv		1500		mcd
				2000		
Spectral Bandwidth Red Blue	IF = 20mA I	λ		35		nm
				30		deg
Wavelength Red Blue	IF = 20mA	λp		632		nm
				470		
Half View Angle	IF = 20mA	θ 1/2				deg

### Package

Package Dimensions (mm)  
封装尺寸图(毫米)

