

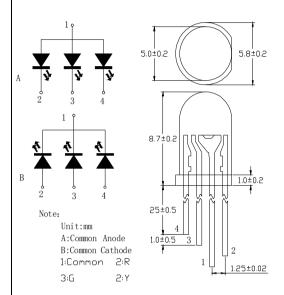
## Shenzhen Fedy Technology Co., LTD

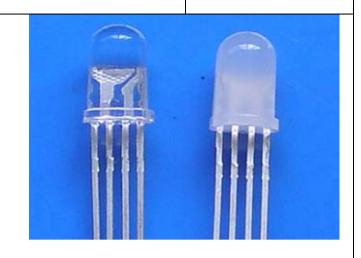
FD-5WSRGB-A

## Features:

- \* 5mm Lamp LED
- \* Emitting Color Red Green Blue
- \* Low Power Consumption
- \* Ideal For Backlight Toy Light-Gift Indicator

Circuit and Package Dimension





## **Absolute Maximum Rating**

Item	Symbol	Absolute Maximum Rating	Unit		
Forward Current	I <sub>F</sub>	20	mA		
Peak Forward Current*	I <sub>FP</sub>	100	mA		
Reverse Voltage	$V_R$	5	V		
Reverse Current	I <sub>R</sub>	10	uA		
Power Dissipation	$P_{D}$	150	mW		
Electrostatic discharge	E <sub>SD</sub>	800	V		
Operation Temperature	T <sub>OPR</sub>	-25~+80	${\mathbb C}$		
Storage Temperature	T <sub>STG</sub>	-5~+45	${\mathbb C}$		
Lead Soldering Temperature	T <sub>SOL</sub>	Max.260°C for 5sec Max(3mm from the base of the epoxy bulb)			

## Typical Optical/Electrical Characteristics

Product Type Lens Color		Forv	vard	Pr	ср	Lumi	nous	50%	
	Emitting	Voltage(v)		Wavelength		Intensity(mcd)		Power	
	Color		(nm)				Angle(deg)		
		Type	Max.	Туре.	Max.	Min.	Туре	Туре	
5TSRGB-A/C Water Clear		R	1.80	2.40	630	640	3000	4000	
	Water Clear	G	3.20	3.60	515	525	4000	6000	18
		В	3.20	3.60	460	470	900	1000	
5WSRGB-A/ C Diffused		R	1.80	2.40	630	640	2000	3000	
	Diffused	G	3.20	3.60	515	525	3000	5000	45
		В	3.20	3.60	460	470	700	900	

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