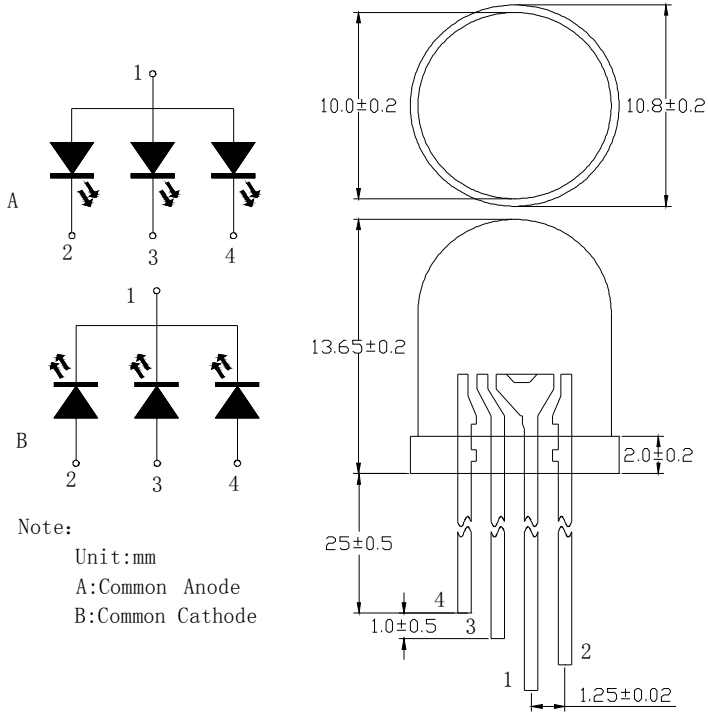


Features:

- * 10mm Lamp LED
- * Emitting Color Red Green Blue
- * Low Power Consumption
- * Ideal For Backlight Toy Light-Gift Indicator

TYPE: FD-10WRGB-A
Circuit and Package Dimensions

Absolute Maximum Rating

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	20	mA
Peak Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Reverse Current	I_R	10	uA
Power Dissipation	P_D	150	mW
Electrostatic discharge	E_{SD}	800	V
Operation Temperature	T_{OPR}	-25~+80	°C
Storage Temperature	T_{STG}	-5~+45	°C
Lead Soldering Temperature	T_{SOL}	Max.260°C for 5sec Max(3mm from the base of the epoxy bulb)	

Typical Optical/Electrical Characteristics

Product Type	Lens Color	Emitting Color	Forward Voltage(v)		Prpc Wavelength (nm)		Luminous Intensity(mcd)		50% Power Angle(deg)
			Type	Max.	Type.	Max.	Min.	Type	Type
	White Diffused	R	1.80	2.40	625	630	400	500	100
		G	3.20	3.60	517.5	520	1500	2000	
		B	3.20	3.60	465	467.5	1000	1200	

SPEC NO:

REV NO:1.0

DATE:2012-9-20

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