

### Absolute Maximum Ratings(Ta = 25°C)



Parameter		Value	Unit
Operate Voltage		2.0~5.5	V
Dominant Wavelength	$\lambda_P$	R	620 nm
		G	515 nm
		B	460 nm
Operation Temperature		-30 ~ 85	°C
Storage Temperature		-30 ~ 85	°C

P7-0007

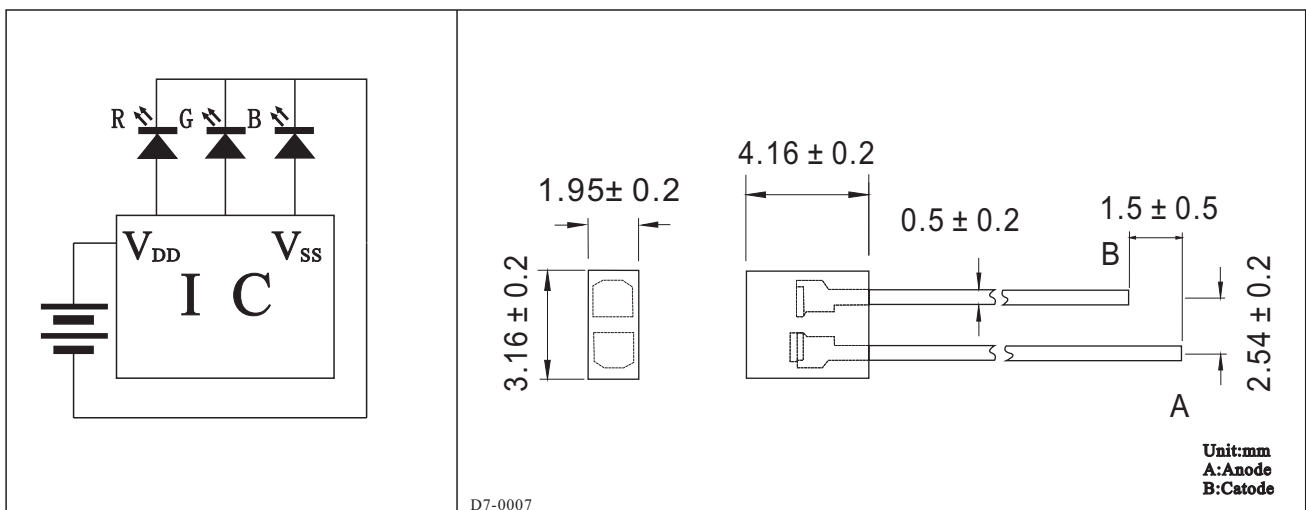
Color Display Sequence : R -G -B -RG -GB -RB -RBG  
 Cycle Time About : 32~48 sec

### Electrical Characteristics at 25°C

Parameter	Symbol	Conditions	Typ	Unit	
Power Consumption	P <sub>O</sub>	V <sub>DD</sub> =4.5V	225	mW	
Reverse Current	I <sub>R</sub>	V <sub>DS</sub> =1.2V	150	uA	
Peak Forward Current	I <sub>PF</sub>	duty=0.1,1KHz	85	mA	
Continuous Forward Current	I <sub>F</sub>	V <sub>DD</sub> =4.5V	10~35	mA	
Luminous Intensity	I <sub>v</sub>	V <sub>DD</sub> =4.5V I <sub>F</sub> =20mA	R	1000	mcd
			G	4000	mcd
			B	2000	mcd
Viewing Angle	$\Delta\theta^\circ$		-	deg	
Flash Frequency	F	V <sub>F</sub> =4.5V	3.2	Hz	

### Application Diagram

### Dimensions



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