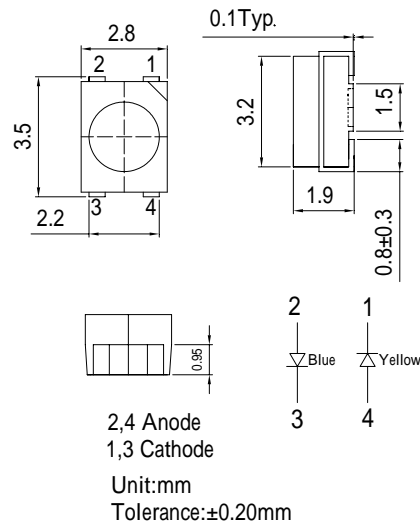


■Features

- High Luminous PLCC4 Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Silicone
- Water Clear Type

■Outline Dimension



■Applications

- Toys
- Audio
- Games
- Other Lighting

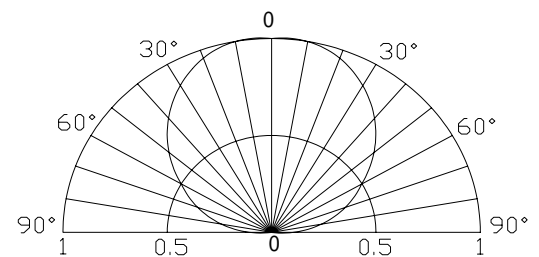
■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value		Unit
		Yellow	Blue	
DC Forward Current	I_F	30	30	mA
Pulse Forward Current*	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_D	78	108	mW
Operating Temperature	T_{opr}	-30 ~ +85		
Storage Temperature	T_{stg}	-40 ~ +100		
Lead Soldering Temperature	T_{sol}	260 /5sec		-

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F (Yellow)	$I_F=20mA$	1.8	2.1	2.6	V
	V_F (Blue)	$I_F=20mA$	2.9	3.1	3.6	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength*	λ_D (Yellow)	$I_F=20mA$	585	590	595	nm
	λ_D (Blue)	$I_F=20mA$	465	470	475	nm
Luminous Intensity*	I_V (Yellow)	$I_F=20mA$	330	600	-	mcd
	I_V (Blue)	$I_F=20mA$	150	200	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	120	-	deg

*1 Tolerance of dominant wavelength is $\pm 1nm$

*2 Tolerance of luminous intensity is $\pm 15\%$

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