

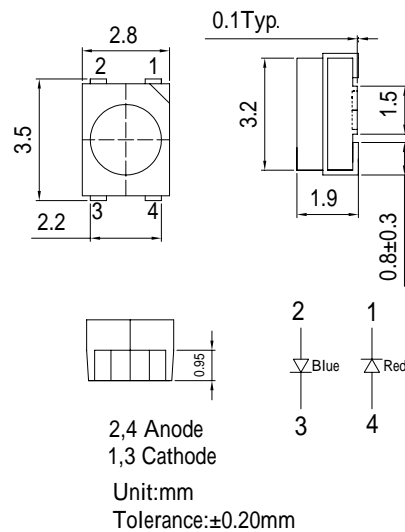
■Features

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

■Applications

- Toys
- Audio
- Games
- Other Lighting

■Outline Dimension



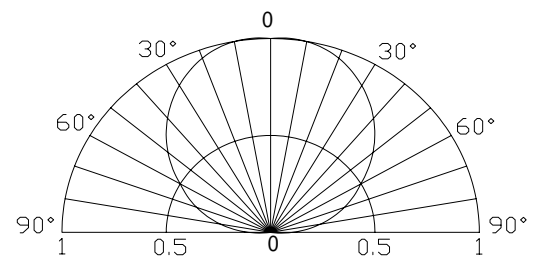
■Absolute Maximum Rating

(Ta=25)

Item	Symbol	Value		Unit
		Red	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	Topr	-30 ~ +85		
Storage Temperature	Tstg	-40~ +100		
Lead Soldering Temperature	Tsol	260 /5sec		-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F (Red)	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 (Red)	I _F =20mA	620	625	630	nm
	λ _D (Blue)	I _F =20mA	465	470	475	nm
Luminous Intensity*	I _v (Red)	I _F =20mA	100	150	-	mcd
	I _v (Blue)	I _F =20mA	100	130	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	120	-	deg

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

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