

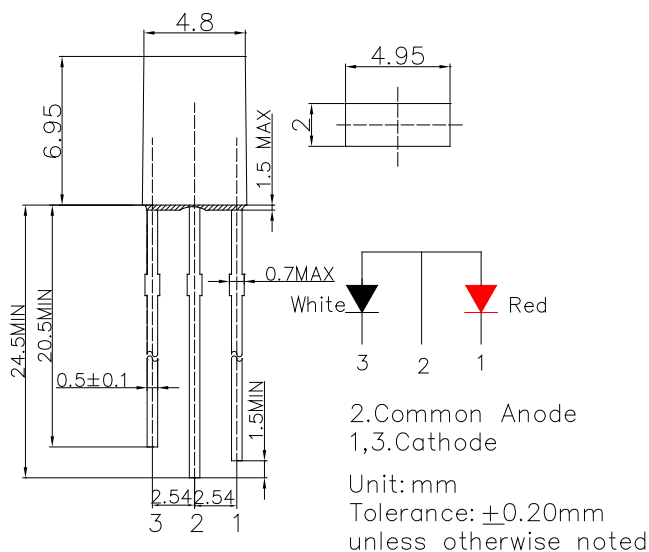
■ Features

- High Luminous LEDs
- 2x5x7mm Rectangular Standard Directivity
- UV Resistant Epoxy
- Water Clear Type
- Common Anode

■Applications

- Indicate Lamp
- Toys/Games/ Audio
- Other Lighting

■ Outline Dimension



■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		Red	White	
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	102	mW
Operating Temperature	Topr	-30~+85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

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

■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage* ₁	V _F (Red)	I _F =20mA	-	2.1	2.6	V
	V _F (White)	I _F =20mA	-	2.9	3.4	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength* ₂ / CCT* ₄	λ _D (Red)	I _F =20mA	620	625	630	nm
	CCT(White)	I _F =20mA	2700	3000	3300	K
Luminous Intensity* ₃	I _v (Red)	I _F =20mA	500	750	-	mcd
	I _v (White)	I _F =20mA	750	1120	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	120	-	deg

*1 Tolerance of measurements of forward voltage is ± 0.1 V

*2 Tolerance of measurements of dominant wavelength is +1 nm

*3 Tolerance of measurements of luminous intensity is +15%

*4 Tolerance of measurements of color temperature +10%

■ Directivity

