

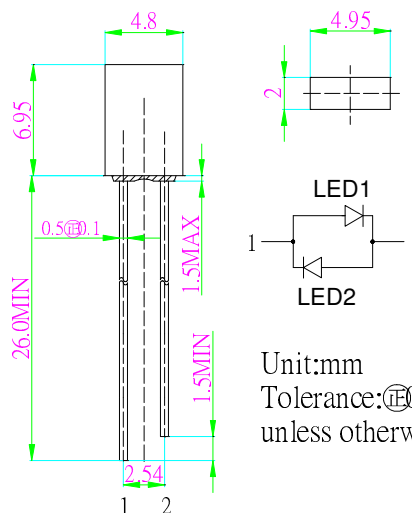
■ Features

- High Luminous LEDs
- 2x5x7mm Rectangular Standard Directivity
- UV Resistant Epoxy
- Red Diffused Type

■ Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■ Outline Dimension



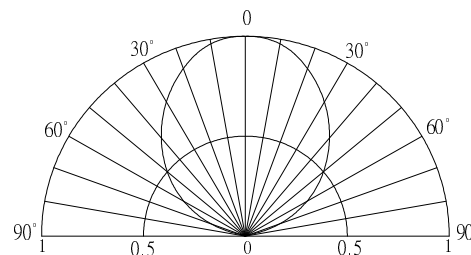
Unit:mm
Tolerance:±0.20mm
unless otherwise noted

■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	30	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	78	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

■ Directivity



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

■ Electrical -Optical Characteristics

(Ta=25°C)

Item	NO.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*	LED1	V _{F1}	I _{F1} =20mA	-	2.1	2.6	V
	LED2	V _{F2}	I _{F2} =20mA	-	2.1	2.6	V
Domi. Wavelength*	LED1	λ _{D1}	I _{F1} =20mA	620	625	630	nm
	LED2	λ _{D2}	I _{F2} =20mA	620	625	630	nm
Luminous Intensity*	LED1	I _{v1}	I _{F1} =20mA	150	220	-	mcd
	LED2	I _{v2}	I _{F2} =20mA	150	220	-	mcd
50% Power Angle	LED1	2θ _{1/2}	I _{F1} =20mA	-	100	-	deg
	LED2	2θ _{1/2}	I _{F2} =20mA	-	100	-	deg

*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of luminous intensity is ±15%

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