

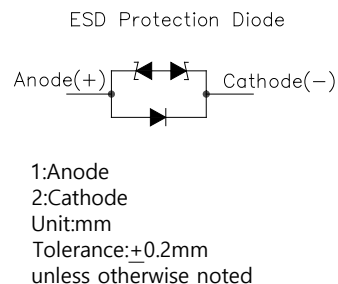
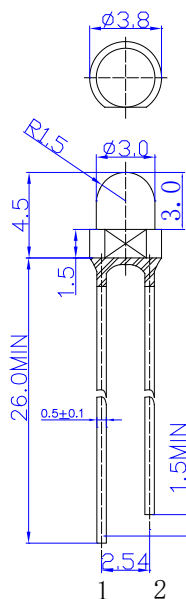
■ Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Superior ESD Protection
- Water Clear Type

■Applications

- Background illumination
- Communications equipment
- Low power DC circuits
- General lighting purposes

■ Outline Dimension



■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	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	I _F =20mA	-	2.9	3.4	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Intensity* ₂	I _v	I _F =20mA	3000	4200	-	mcd
Color Temperature* ₃	CCT	I _F =20mA	5500	6500	8500	K
Chromaticity Coordinates* ₄	x	I _F =20mA	-	0.31	-	
	y	I _F =20mA	-	0.33	-	
50% Power Angle	2θ _{1/2}	I _F =20mA	-	40	-	deg
ESD		HBM	-	-	5000	V

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

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

*3 Tolerance of measurements of color temperature is $\pm 10\%$

*4 Tolerance of measurements of chromaticity coordinates is $\pm 10\%$

■ Directivity

