

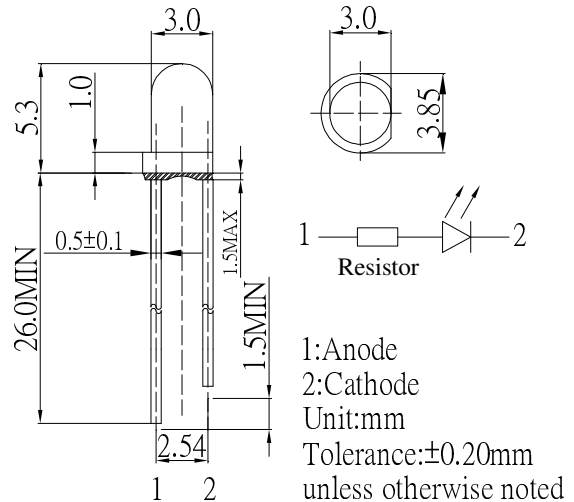
■ Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 5 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- Color Diffused Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

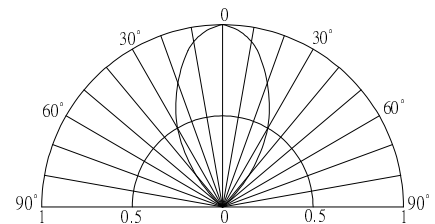


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V_F	7.5	V
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	150	mW
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260°C/5sec	-

■ Directivity



■ Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Current*1	I_F	$V_F = 5V$	-	12	20	mA
DC Reverse Current	I_R	$V_R = 5V$	-	-	10	μA
Domi. Wavelength*2	λ_D	$V_F = 5V$	630	640	650	nm
Luminous Intensity*3	I_v	$V_F = 5V$	45	68	-	mcd
50% Power Angle	$2\theta_{1/2}$	$V_F = 5V$	-	60	-	deg

*1 Tolerance of measurements of forward current is ±1mA

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

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