

■Features

- High Luminous LEDs
- 4.8mm Straw Standard Directivity
- Long Lifetime Operation
- Water Clear Type

■Applications

- Backlighting (switches, keys, displays, illuminated advertising etc.)
- Substitution of micro incandescent lamps
- Reading lamps / Emergency lighting
- Marker lights (e.g. steps, exit ways, etc.)
- Other lighting

■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	108	mW
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260°C/5sec	-

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

■Electrical -Optical Characteristics

(Ta=25°C)

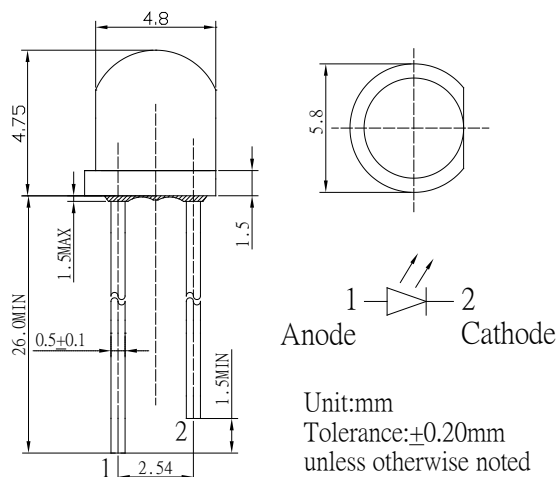
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*	V_F	$I_F=20mA$	-	2.9	3.4	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Luminous Flux*	Φ_v	$I_F=20mA$	4.0	4.5	-	lm
Chromaticity Coordinates*	x	$I_F=20mA$	-	0.19	-	
	y	$I_F=20mA$	-	0.15	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	100	-	deg

*1 Tolerance of measurements of chromaticity coordinate is $\pm 10\%$

*2 Tolerance of measurements of luminous flux is $\pm 15\%$

*3 Tolerance of measurements of forward voltage is $\pm 0.1V$

■Outline Dimension



■Directivity

