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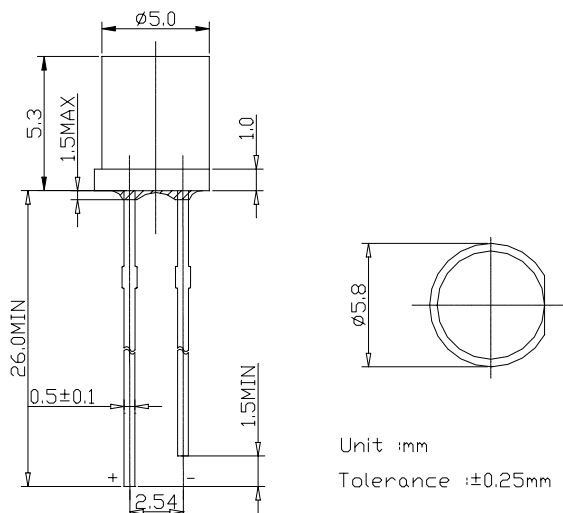
■ Features

- 5mm Standard Directivity
- Water clear Type
- Superior Weather-resistance
- UV Resistant Epoxy
- RoHS compliant

■Applications

- Automotive Dashboard Lighting
- Traffic signal lamp
- Back Lighting

■ Outline Dimension



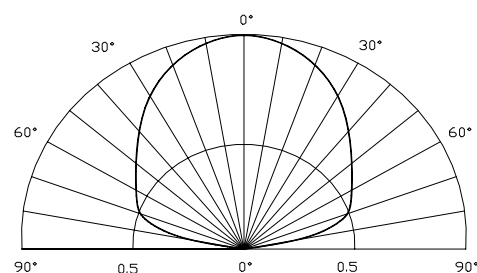
■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	50	mA
Pulse Forward Current*	I _{FP}	150	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	200	mW
Operating Temperature	Topr	-30 ~ +85	□
Storage Temperature	Tstg	-30 ~ +100	□
Lead Soldering Temperature	Tsol	260 □ /5sec	-

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

■ Directivity



■Electrical -Optical Characteristics

(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=20\text{mA}$	1.8	2.0	2.4	V
DC Reverse Current	I_R	$V_R=5\text{V}$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F=20\text{mA}$	620	625	630	nm
Luminous Intensity	I_v	$I_F=20\text{mA}$	330	500	750	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	-	140	-	deg