

■Features

- High Luminous LEDs
- 5.2x3.8mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Diffused Type

■Applications

- Electronic Signs & Signals
- Full-Color Video Screen
- Motorway Signs
- Variable-Message Sign(VMS)
- Advertising Signs
- Other Lighting

■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	120	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	130	mW
Operating Temperature	T_{opr}	-40~ +85	
Storage Temperature	T_{stg}	-40 ~ +100	
Lead Soldering Temperature	T_{sol}	260 /5sec	-

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

■Electrical -Optical Characteristics

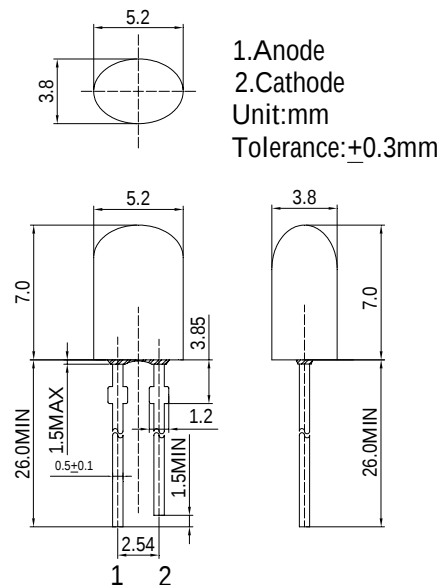
(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=20mA$	1.8	2.1	2.6	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength*	λ_D	$I_F=20mA$	619	624	629	nm
Luminous Intensity*	I_v	$I_F=20mA$	1120	1560	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	100/40	-	deg

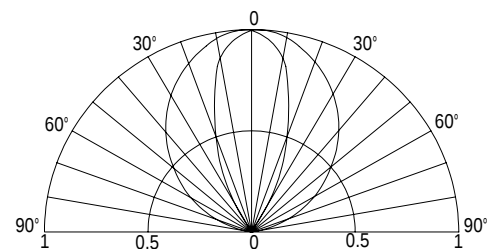
*1 Tolerance of dominant wavelength is $\pm 1nm$

*2 Tolerance of luminous intensity is $\pm 15\%$

■Outline Dimension



■Directivity



■Maximum Forward DC Current

