

Absolute Maximum Rating: (TA=25°C)

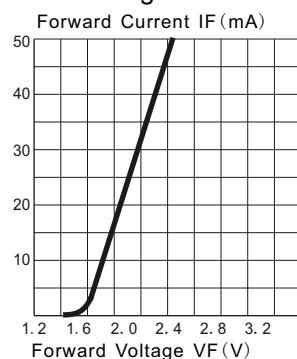
Parameter	Symbol	Maximum Rating	Unit
Peak Foward Current	IFp	70	mA
Forward Current	IF	20	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	42	mW
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	-40~+85	°C
Electronstatic Diaschareg	ESD	500	V
Soldering Temperature		260°C for seconds	

Lead soldering Temperature (4mm from body) : 260°C for seconds

Optical-Electrical Characteristic: (TA=25°C)

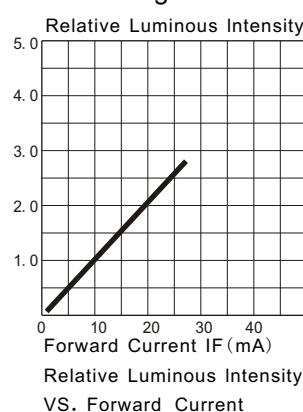
Parameter	Symbol	Condition	Min	Type	Max	Unit
Forward Current	VF	IF=20mA	1. 7	—	2. 4	V
Reverse Current	IR	VR=5V		—	5	uA
Dominant Wavelength	λd	IF=20mA			625	nm
Peak Wavelength	λp	IF=20mA	620	622	625	nm
Luminous Intensity	Iv	IF=20mA	5000	—	7000	mcd
Viewing Angle	2θ1/2	IF=20mA	—	25	—	Deg

Fig. 1



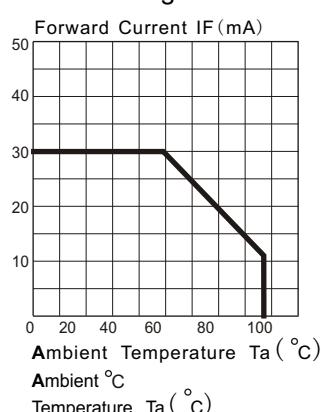
Forward Current VS
Forward Voltage .

Fig. 2



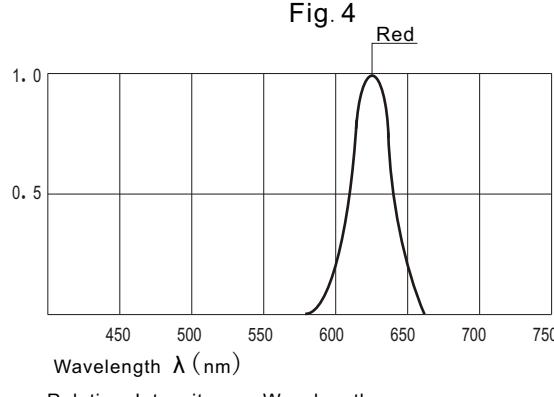
Relative Luminous Intensity
VS. Forward Current

Fig. 3



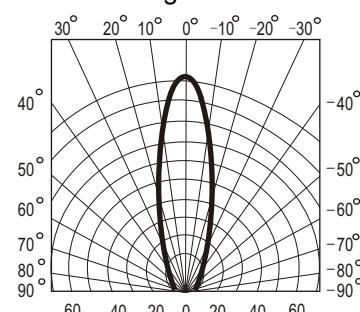
Forward Current IF (mA)
Ambient °C
Temperature Ta (°C)

Fig. 4



Relative Intensity vs. Wavelength

Fig. 5



NOTES: 1. All dimensions are in millimeter(inches), tolerance is 0.25 unless otherwise noted
2. Specifications are subject to change without notice.