

Absolute Maximum Rating: (TA=25°C)

Parameter	Symbol	Maximum Rating	Unit
Peak Forward 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
Electrostatic Discharge	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	$\lambda_d$	IF=20mA			625	nm
Peak Wavelength	$\lambda_p$	IF=20mA	620	622	625	nm
Luminous Intensity	Iv	IF=20mA	5000	-	7000	mcd
Viewing Angle	2θ1/2	IF=20mA	-	25	-	Deg

Fig. 1

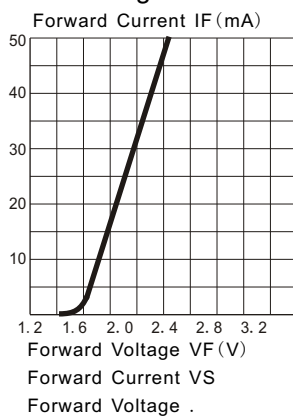


Fig. 2

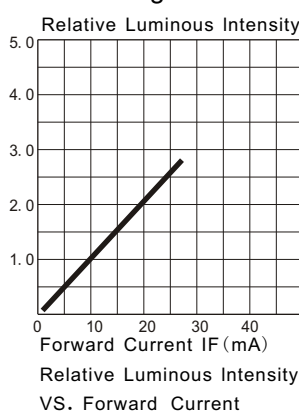


Fig. 3

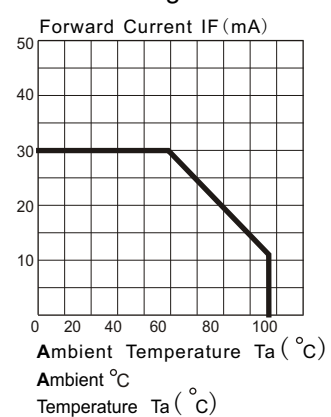


Fig. 4

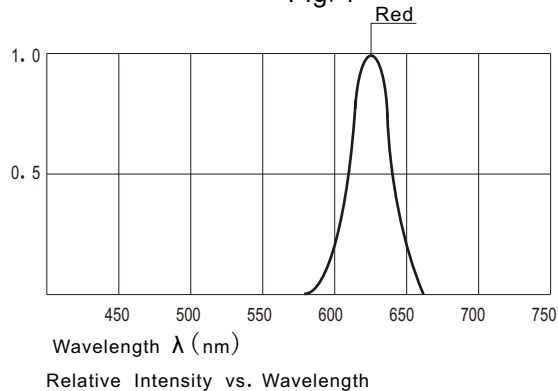


Fig. 5

