


Color Diffused Typ
Holder Color: Black
Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		Red	YG	
DC Forward Current	IF	30	30	mA
Pulse Forward Current*	IFP	100	100	mA
Reverse Voltage	VR	5	5	V
Power Dissipation	PD	78	78	mW
Operating Temperature	Topr	-30~ +85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	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	VF (R/YG)	IF=20mA	1.8	2.1	2.6	V
DC Reverse Current	IR	VR=5V	-	-	10	µA
Domi. Wavelength	λD(Red)	IF=20mA	630	640	650	nm
	λD(YG)	IF=20mA	565	570	575	nm
Luminous Intensity	IV (Red)	IF=20mA	100	150	-	mcd
	IV(YG)	IF=20mA	68	100	-	mcd
50% Power Angle	2θ1/2	IF=20mA	-	30	-	deg

*1 Tolerance of measurements of dominant wavelength is +1nm

*2 Tolerance of measurements of luminous intensity is +15%

*3 Tolerance of measurements of forward voltage is ±0.1V