



Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	I _F	20	mA
Pulse forward current	I _{FP}	100	mA
Power dissipation	P _D	150	mW
Operating temperature	T _{opr}	-20~+75	°C
Storage temperature	Y _{stg}	-30~+80	°C
Reverse voltage	V _R	5	V
Sold soldering temperature	T _{sol}	260°C/3Sec	---

Plus with Max 10ms,duty ratio max1/10

n Initial Electrical/Optical Characteristics (Ta=25°C)

Item	Symbol	condition	Min	Type	Max	Unit
DC forward Voltage	V _F	I=20mA	0.8	0.85	1.0	V
DC reverse Current	I _R	V=5V	----	----	5	µA
wavelength	Wp	I=20mA	1500	1550	1600	Nm
Spectrum Radiation Bandwidth	Δλ	I=20mA	----	130	----	Nm
Luminous Intensity	I _V	I=20mA	3	----	6	mw
50%Power Angle	201/2	I=20mA	----	30	----	deg