

广州市晶彩光电器材厂

3MM 红外线发射管

产品型号：**UIR204C**

✧ Absolute Maximum Ratings at : (Ta=25℃) (极限参数)

Parameter (参数)	Symbol (符号)	Rating (参数)	Unit (单位)
Continuous Forward Current (工作电流)	IF	50	mA
Peak Forward Current Pulse Width=100, Dutycycle=1%(峰值电流)	IFP	80	mA
Reverse Voltage (反向电压)	VR	5	V
Operating Temperature (使用温度)	Topr	-40 to 85	℃
Storage Temperature (储存温度)	Tstg	-40 to 85	℃
Soldering Temperature (焊接温度)	Tsol	260±5	℃
Power Dissipation at (or below) 25℃ Free Air Temperature (消耗功率)	Po	80	mW

✧ Electronic Optical Characteristics:

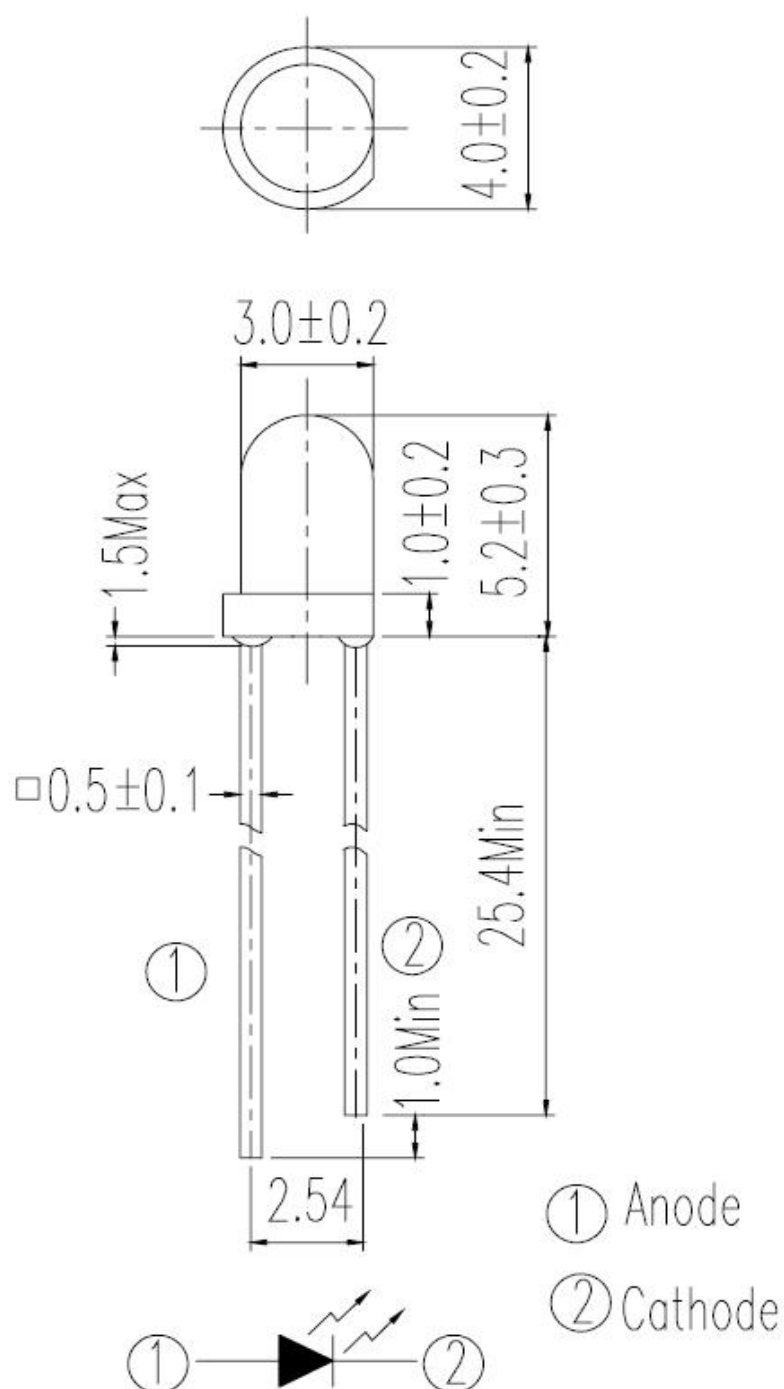
Parameter (参数)	Symbol (符号)	Min (最小值)	Typ (中间值)	Max (最大值)	Unit (单位)	Condition (测试条件)
Radiant Intensity (发射强度)	Ee	20	-	60	Mw/sr	If=20mA
Peak Wavelength (峰值波长)	λ_p	-	940	-	nm	If=20mA
Spectral Bandwidth (频谱半宽)	$\Delta\lambda$	-	45	-	nm	If=20mA
Forward Voltage (顺向电压)	VF	1.1	1.2	1.5	V	If=20mA
Reverse Current (反向电流)	IR	-	-	10	uA	VR=5V
View Angle (角度)	2 Θ 1/2	-	45	-	Deg	If=20mA

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Package Dimensions



Notes: 1. All dimensions are in millimeters

2. Tolerances unless dimensions ± 0.25 mm