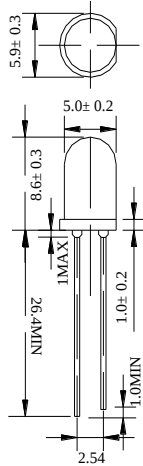


宜兴达光电子厂

YIXING CITY DAGUANG ELECTRONIC PARTS OF AN APPARATUS FACTORY

Part Number:5BG3UC013(2005083002)

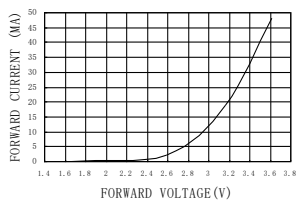


单位: mm

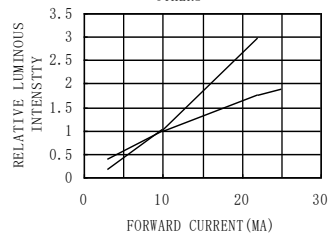
Chip	Material	GaN
	Lens Color	Water Transparent
	Emitting Color	Green

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITI ON	ABSOLUTE MAXIMUM RATINGS:(Ta=25℃)
Forward Voltage	VF	3.0	3.2	3.4	V	If=20mA	
Peak Wavelength	λP	515	518	520	nm		
Reverse Current	IR			10	μA	VR=5V	OPERATING TEMPERATURE:-40℃ TO 85℃
Power dissipation	Pd		170		mW		
Luminous Intensity	IV	9000	11000	13000	mcd	If=20mA	
Viewing Angle 2 θ 1/2			10				LEAD SOLDERING:260℃ FOR 5 SECONDS
Recommend Forward Current	If(Rec)		20		mA		

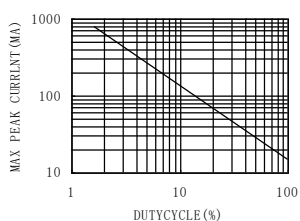
FORWARD CURRENT VS. FORWARD
VOLTAGE OTHERS



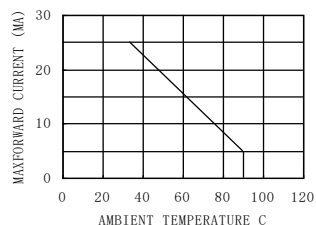
RELATIVE LUMINOUS INTENSITY
VS. FORWARD
OTHERS



MAX PEAK CURRENT VS. DUTY CYCLE



MAX FORWARD CURRENT VS.
TEMPERATURE



SPECTRAL RESPONSE

