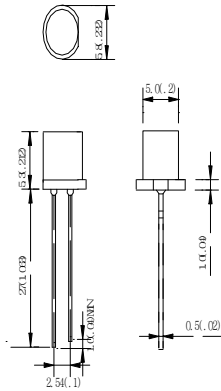


宜兴达光电

YIXING CITY DAGUANG ELECTRONIC PARTS OF AN APPARATUS FACTORY

Part Numbe :5PB4SC

单位: mm



Chip

Material

GaN

Lens Color

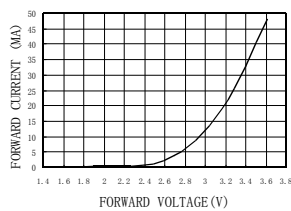
Water

Emitting Color

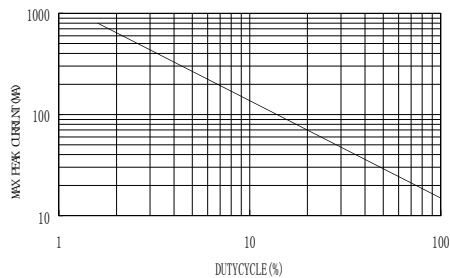
BLUE

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION	ABSOLUTE MAXIMUM RATINGS:(Ta=25℃)
Forward Voltage	VF	3.2	3.3	3.4	V	If=20mA	OPERATING TEMPERATURE:-40℃ TO 85℃
Peak Wavelength	λP	465	468	470			
Reverse Current	IR			10	μA	VR=5V	LEAD SOLDERING: 260℃FOR 5 SECONDS
Power dissipation	Pd		100		mW		
Luminous Intensity	IV	150	200	250	mcd	If=20mA	
Viewing Angle 2 θ 1/2			120				
Recommend Forward Current	If(Rec)		20		mA		

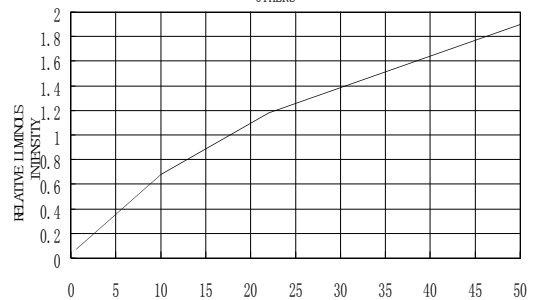
FORWARD CURRENT VS. FORWARD VOLTAGE OTHERS



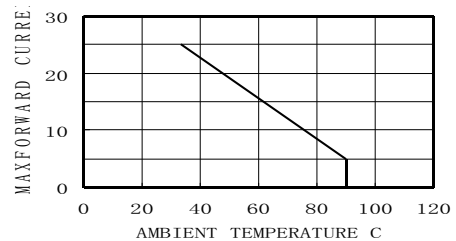
MAX PEAK CURRENT VS. DUTY CYCLE



RELATIVE LUMINOUS INTENSITY VS. FORWARD VOLTAGE OTHERS



MAX FORWARD CURRENT VS. TEMPERATURE



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