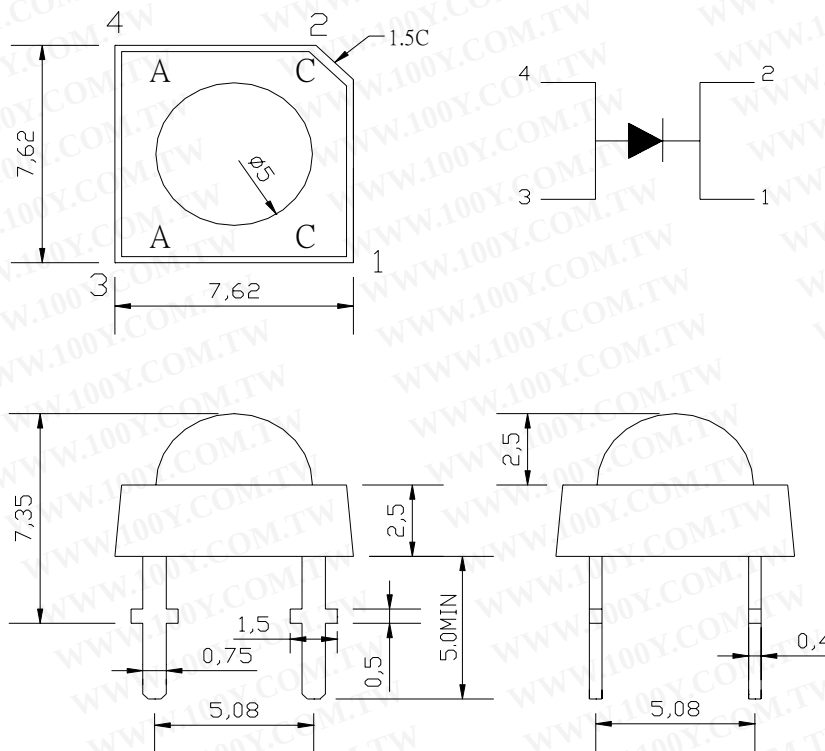


Features:

1. Low power consumption
2. High efficiency
3. Reliable and rugged
4. Chip Material: InGaN
5. Lens Color: Water Transparent
6. Source Color: White

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 勝特力电子(深圳) 86-755-83298787
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Outline Dimensions:



Note :

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 0.25\text{mm}$ (.010") unless otherwise noted
3. Protruded resin under flange is 1.0mm (.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notices.

Absolute Maximum Ratings at Ta=25°C:

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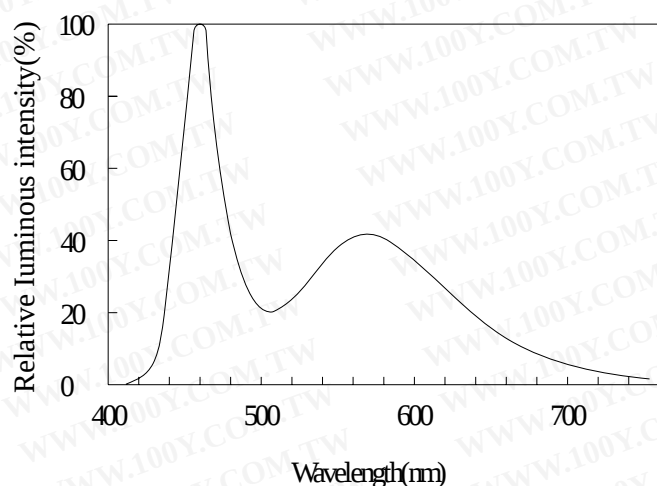
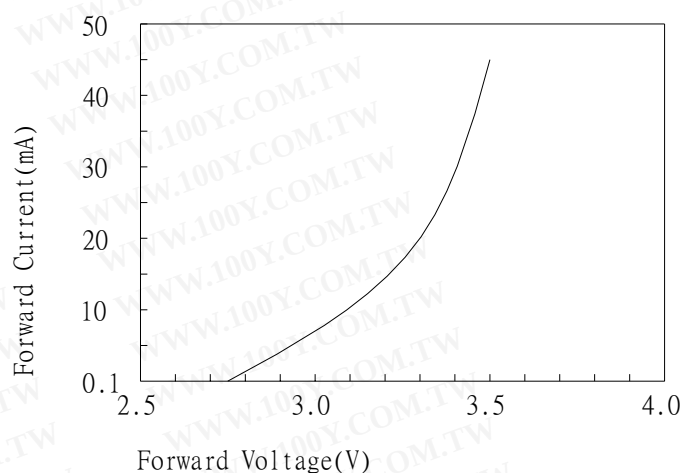
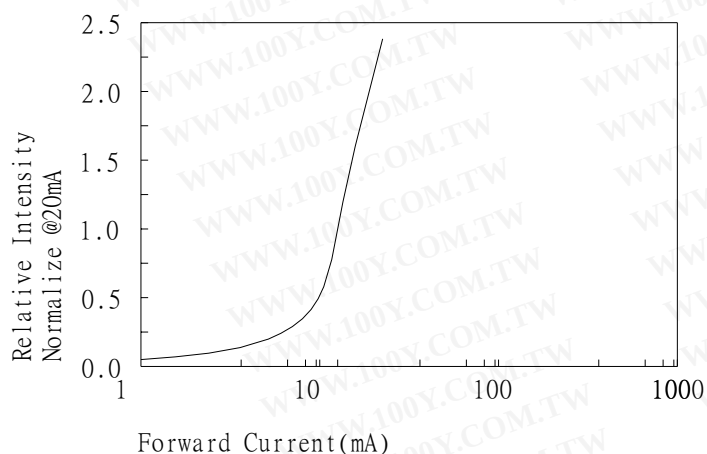
Parameter	Maximum	Unit
Power Dissipation	120	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.5	mA/°C
Reverse Voltage	5	V
Operating temperature range	-20°C to +80°C	
Storage Temperature Range	-30°C to +100°C	
Lead Soldering Temperature [1.6mm(0.63") from body]	260°C for 3 Seconds	

Electrical/Optical Characteristics at Ta=25°C:

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I _v	I _F =20mA	1800	2500		mcd
Viewing Angle	2θ 1/2	I _F =20mA		70		deg
Forward Voltage	V _F	I _F =20mA		3.3	3.8	V
Reverse Current	I _R	V _R =5V			10	uA
Color Rendering	Spm	X	0.24		0.33	
Index Calculation	Spm	Y	0.24		0.33	

Typical Electrical/Optical Characteristics Curve: (25°C Ambient Temperature Unless Otherwise Noted)

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Fig1. Relative Intensity vs. Wavelength**Fig2. Forward Current vs. Forward Voltage****Fig3. Relative Intensity vs. Forward Current****Fig4. Forward Voltage vs. Temperature**