



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



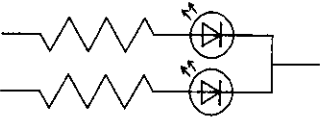
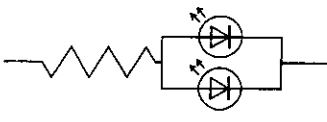
## Contact us

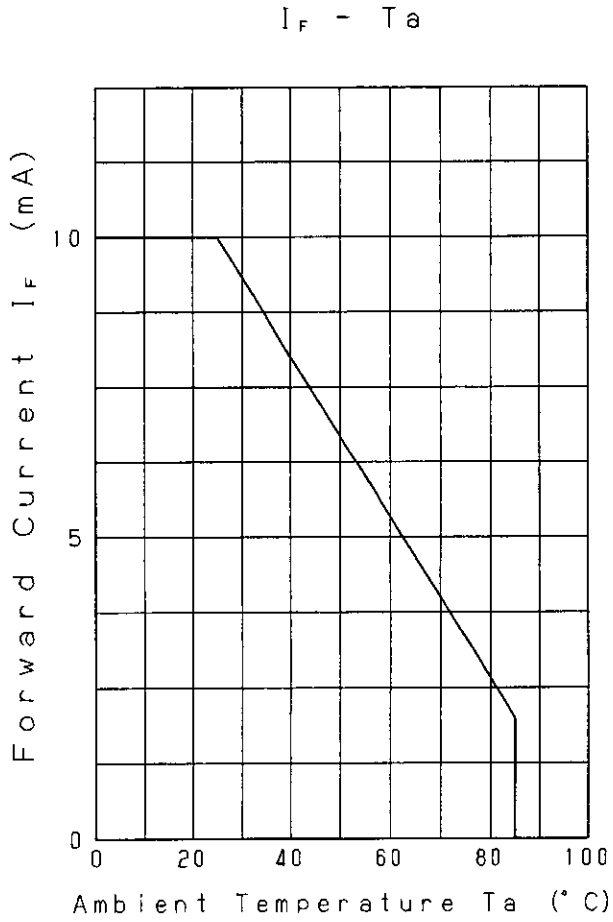
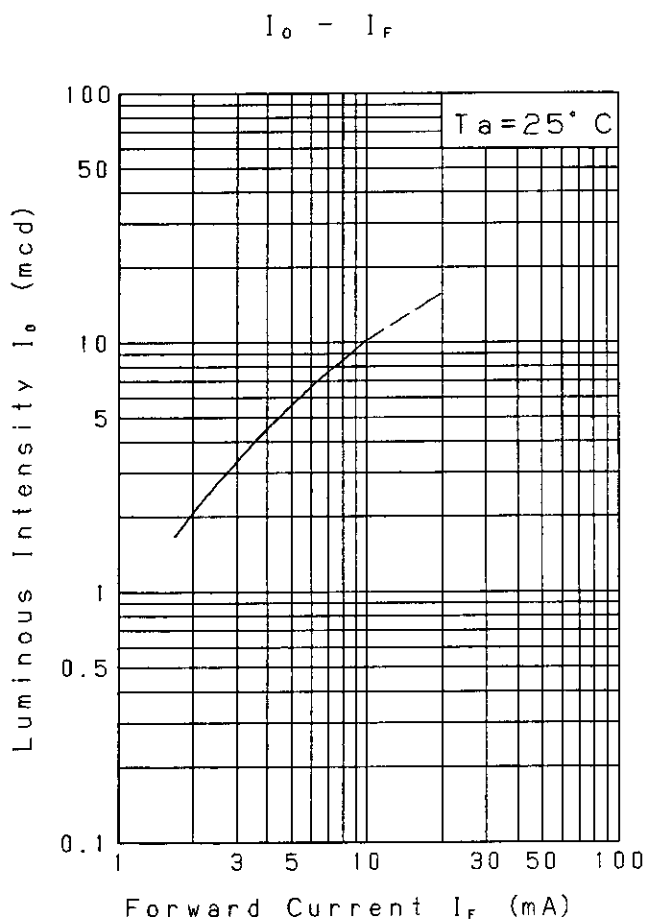
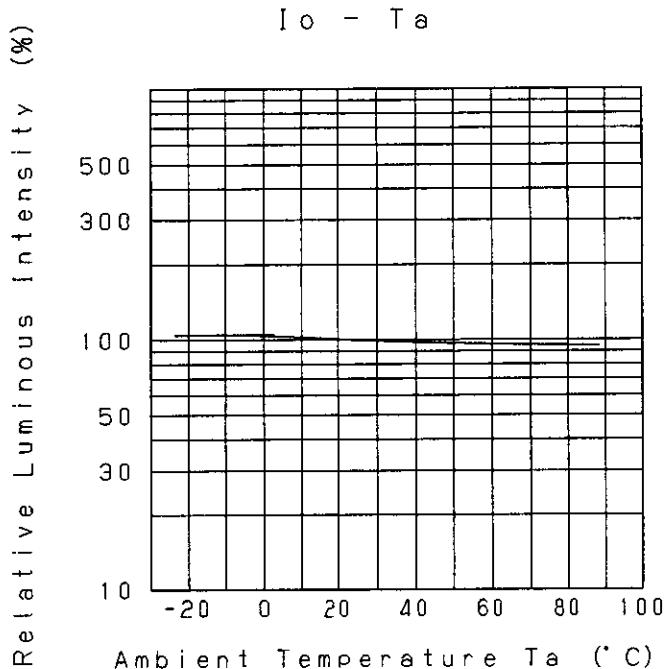
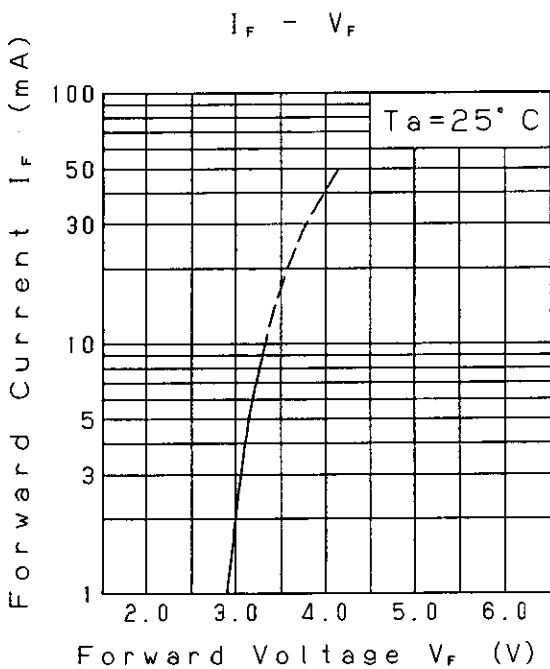
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N: LNJ906W5BUX							
		<i>K. Oshima</i>								
TYPE		Blue Light Emitting Diode								
APPLICATION		Indicators								
MATERIAL		GaN								
OUTLINE		Attached								
ABSOLUTE MAXIMUM RATINGS		P	※ I <sub>FP</sub>	I <sub>FIC</sub>	V <sub>R</sub>	Topr	Tstg			
		40	50	10	5	-25~+85	-30~+100			
		mW	mA	mA	V	°C	°C			
CONDITION		T <sub>a</sub> = 25 ± 3 °C								
Test Specification										
Item	Symbol	Condition	Typ	Limit		Unit				
				Min	Max					
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> = 5 mA	3.2		3.7	V				
Reverse Leakage Current	I <sub>R</sub>	V <sub>R</sub> = 5 V			10	μA				
Luminous Intensity	I <sub>O</sub>	I <sub>F</sub> = 5 mA · DC	5.5	2.0		med				
Peak Emission Wavelength	λ <sub>p</sub>	I <sub>F</sub> = 5 mA · DC	470			nm				
Spectral Line Half Width	Δλ	I <sub>F</sub> = 5 mA · DC	30			nm				
<p>※ · The Condition of I<sub>FP</sub> is duty 10 %, Pulse width 10 ms</p> <p>· Please contact the Panasonic local office if you design at low current (below 1mA DC) or pulse current operation and have any questions.</p> <p>NOTE</p> <ol style="list-style-type: none"> <li>1. Compositions of the lead ... Cu/Ni/Au plating</li> <li>2. Soldering conditions. Refer to Handling note.</li> <li>3. Care should be taken that soldering is done within 3-days after opening the dry package and reel.</li> <li>4. Package: light white diffusion type.</li> <li>5. A Blue LED is sensitive to static electricity and care should be fully taken in handling it.</li> <li>6. Circuit to operate LED.</li> </ol>										
							<p>(A) Recommended circuit.</p> <p>(B) The difference of brightness between the LED could be found due to the V<sub>F</sub> characteristics of each LED.</p>			
Oct. 27. 2001										



Oct. 27, 2001			
---------------	--	--	--

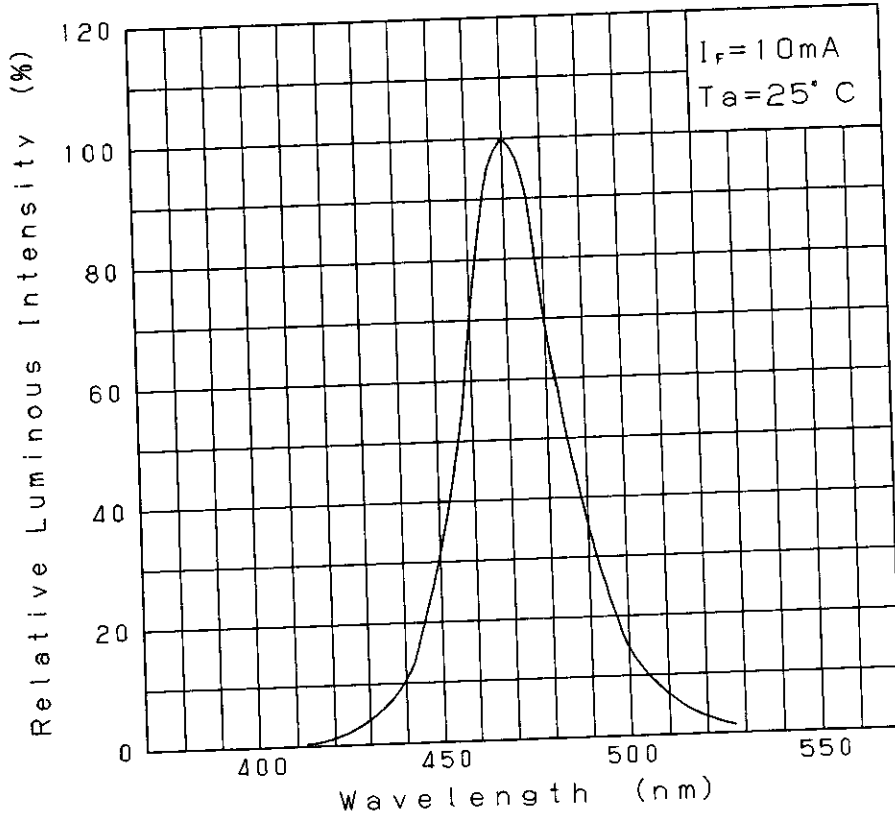
Approved    Checked    Designed

*K. Ozawa*

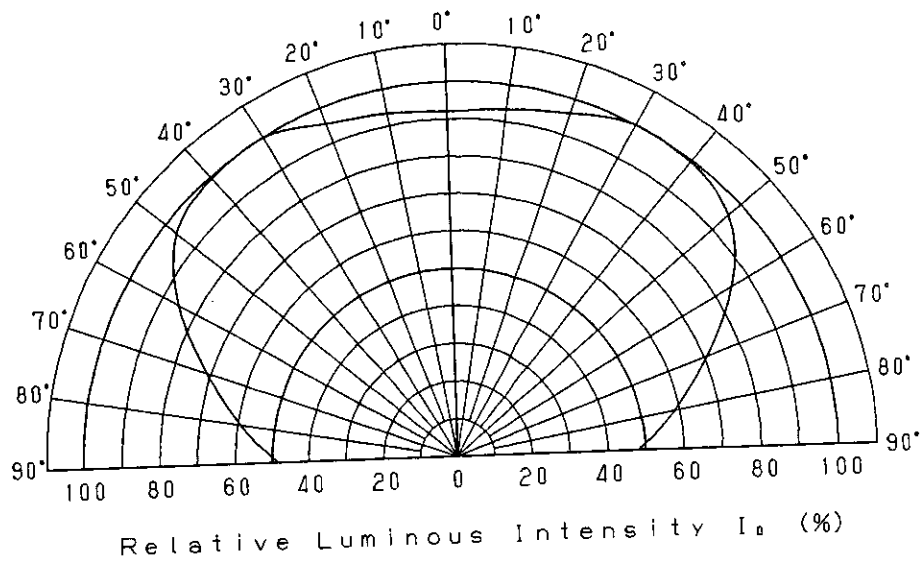
# DEVELOPMENT SPECIFICATION

Tentative  
P/N:LNJ906W5BUX

## Relative Luminous Intensity Wavelength Characteristics



## Directive Characteristics



Oct. 27. 2001

Panasonic

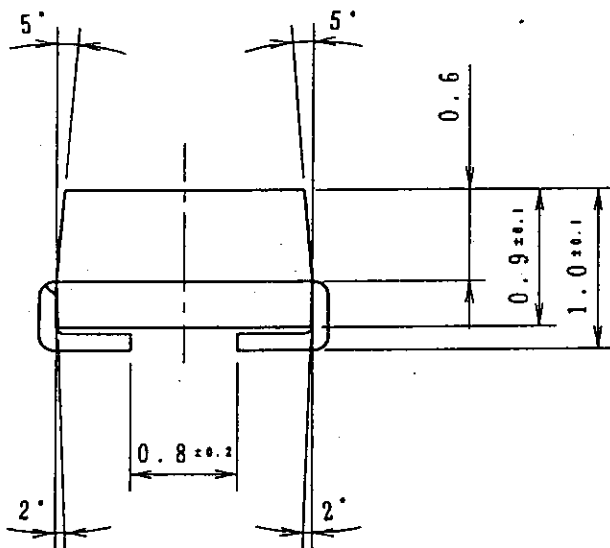
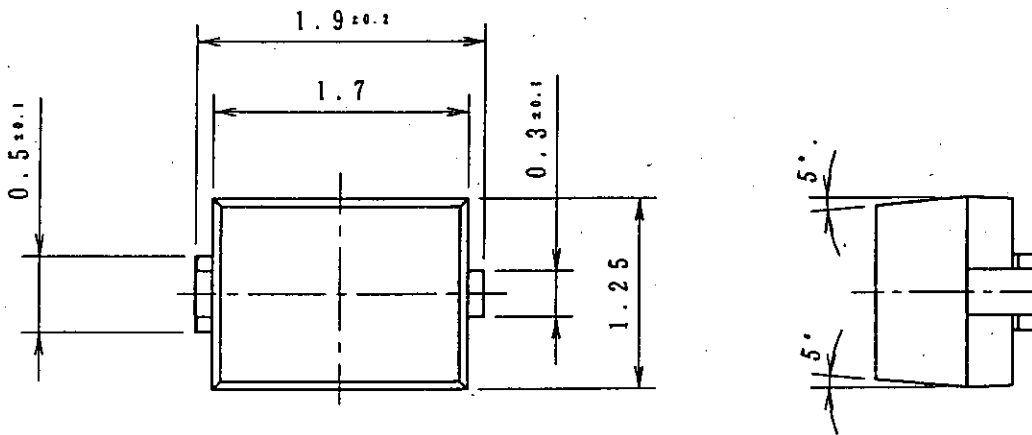
KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD.

KB-H-022-018

Approved <i>M. Yamaguchi</i>	Checked <i>T. Shikida</i>	Designed <i>T. Takata</i>
---------------------------------	------------------------------	------------------------------

DEVELOPMENT SPECIFICATION  
(OUTLINE)

P/N:



(NOTE)

1. Unit:mm
2. Tolerance unless specified is ±0.2.
3. Measurement of the package doesn't include gate projection.
4. Corner of the package is R 0.2max.
5. Projection's tolerance of the package is 0.2max.

Nov. 27. 1996