



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

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Approved	Checked	Designed	DEVELOPMENT SPECIFICATION			17	4
<i>M. Yamashita</i>	<i>K. Kishimoto</i>	<i>T. Takata</i>					

T Y P E	Green Light Emitting Diode					
APPLICATION	Indicators					
MATERIAL	GaP					
OUTLINE	Attached					
ABSOLUTE MAXIMUM RATINGS	P 60 mW	※IFP 60 mA	IFDC 20 mA	VR 4 V	Topr -25~+85 °C	Tstg -30~+100 °C
CONDITION	Ta=25±3 °C					

Test Specification

Item	Symbol	Condition	Typ	Limit		Unit
				Min	Max	
Forward Voltage	VF	IF=10 mA	2.03		2.6	V
Reverse Leakage Current	IR	VR= 4 V			10	μA
Luminous Intensity	IO	IF=10 mA · DC	5.0	3.0		mcd
Peak Emission Wavelength	λp	IF=10 mA · DC	565			nm
Spectral Line Half Width	Δλ	IF=10 mA · DC	30			nm

※ · The Condition of IFP is duty 10 % , Pulse width 1 ms  
· Please contact the Panasonic local office if you design at low current (below 1.0 mA DC) or pulse current operation and have any questions.

NOTE

- ★1 Soldering conditions.  
Refer to handling note.
- ★2 Care should be taken that soldering is done within 3-days after opening the dry package and reel.
- ★3 Package:Light green diffusion type.
- ★4 From 6 rank up (Measurement condition ; IF=10 mA)

Rank	Specification	Unit
6	3.00~ 7.60	mcd
7	4.55~11.40	mcd

Nov. 6.1995			

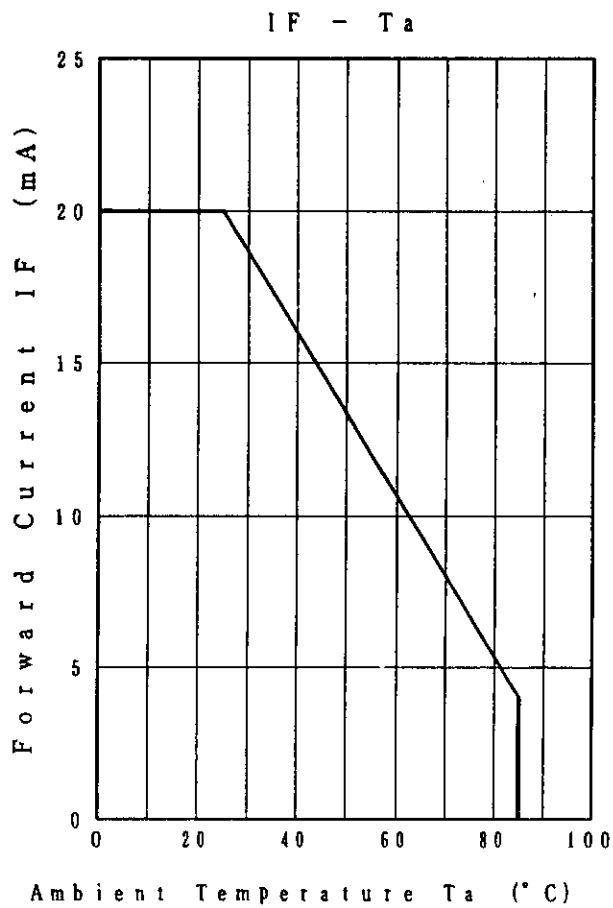
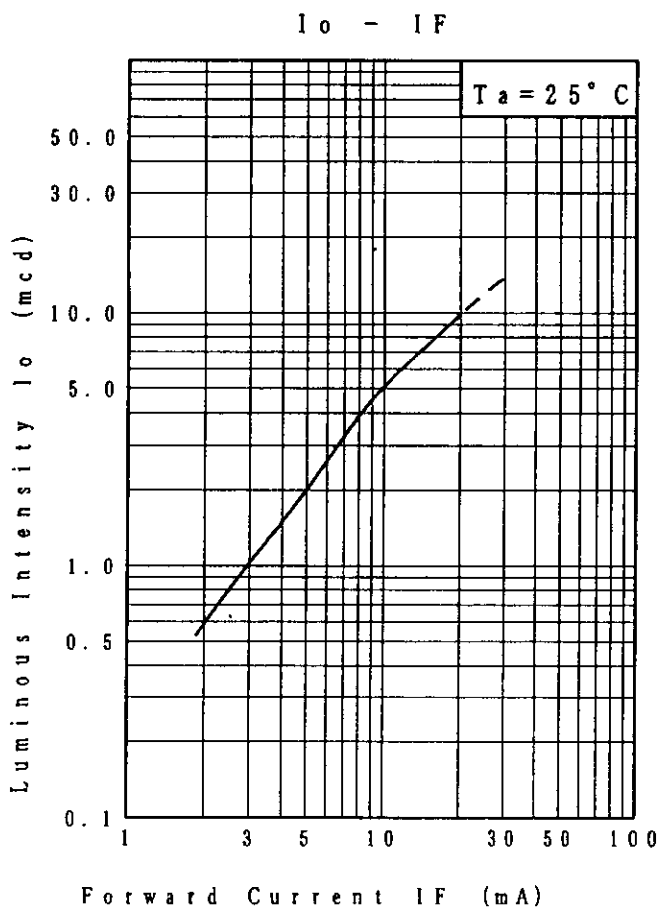
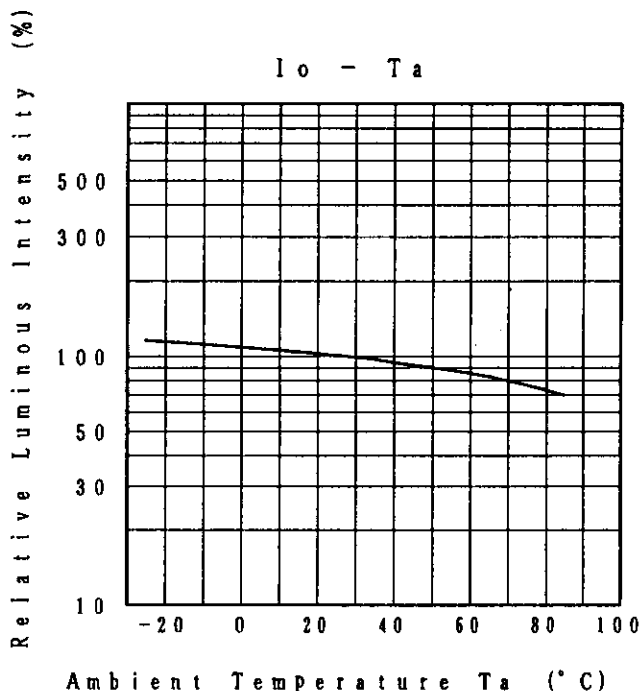
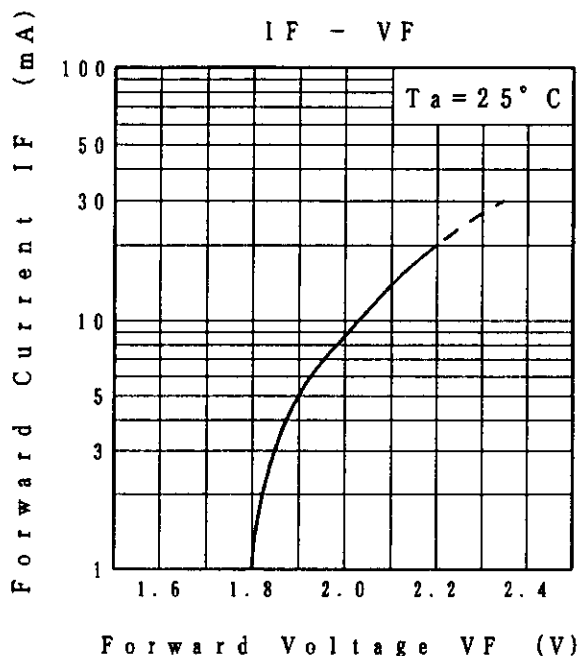
Approved <i>V. V. V.</i>	Checked <i>K. K.</i>	Designed <i>T. T.</i>
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DEVELOPMENT SPECIFICATION

P/N: LNJ306G5TUWQ

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Nov. 6. 1995

Approved    Checked    Designed

*[Handwritten signatures]*

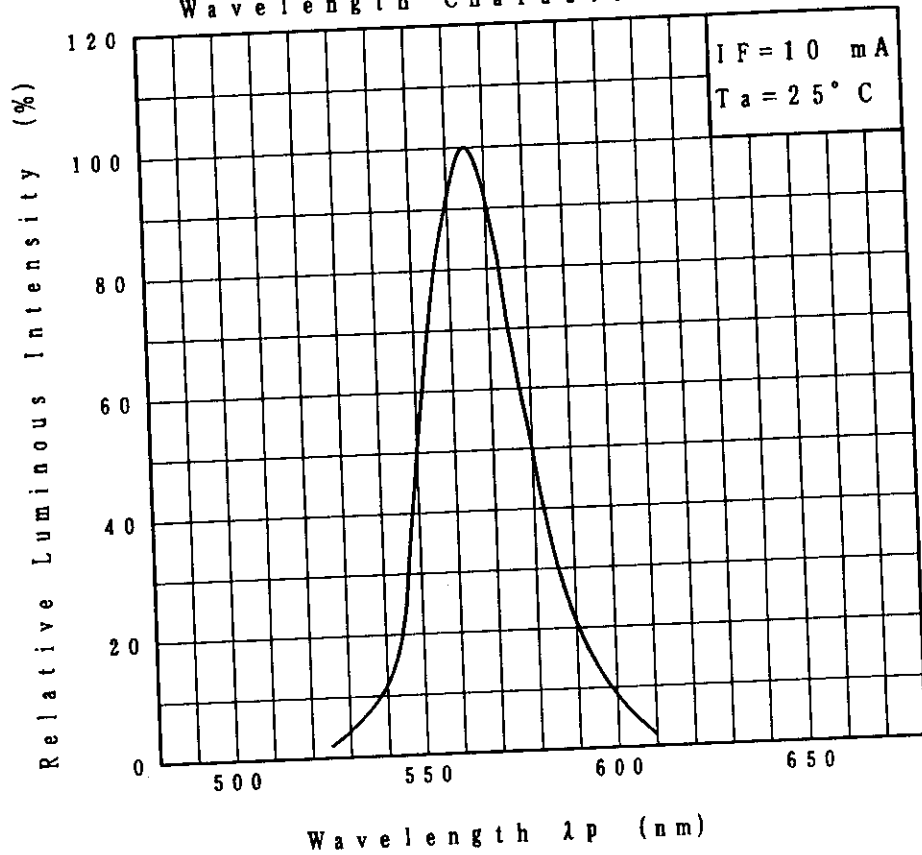
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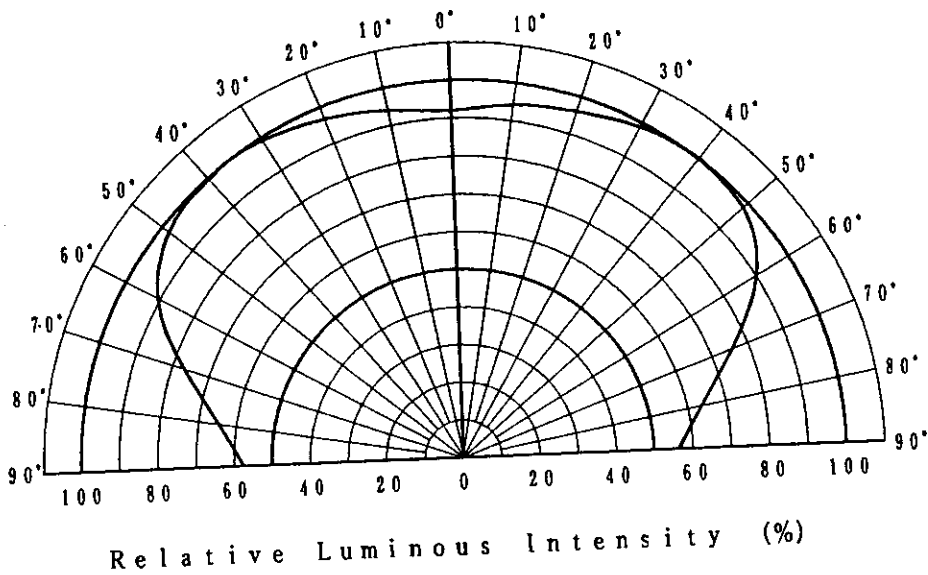
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Relative Luminous Intensity  
Wavelength Characteristics



Directive Characteristics



Nov. 6. 1995

Approved <i>[Signature]</i>	Checked <i>[Signature]</i>	Designed <i>[Signature]</i>
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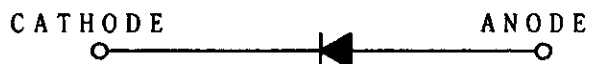
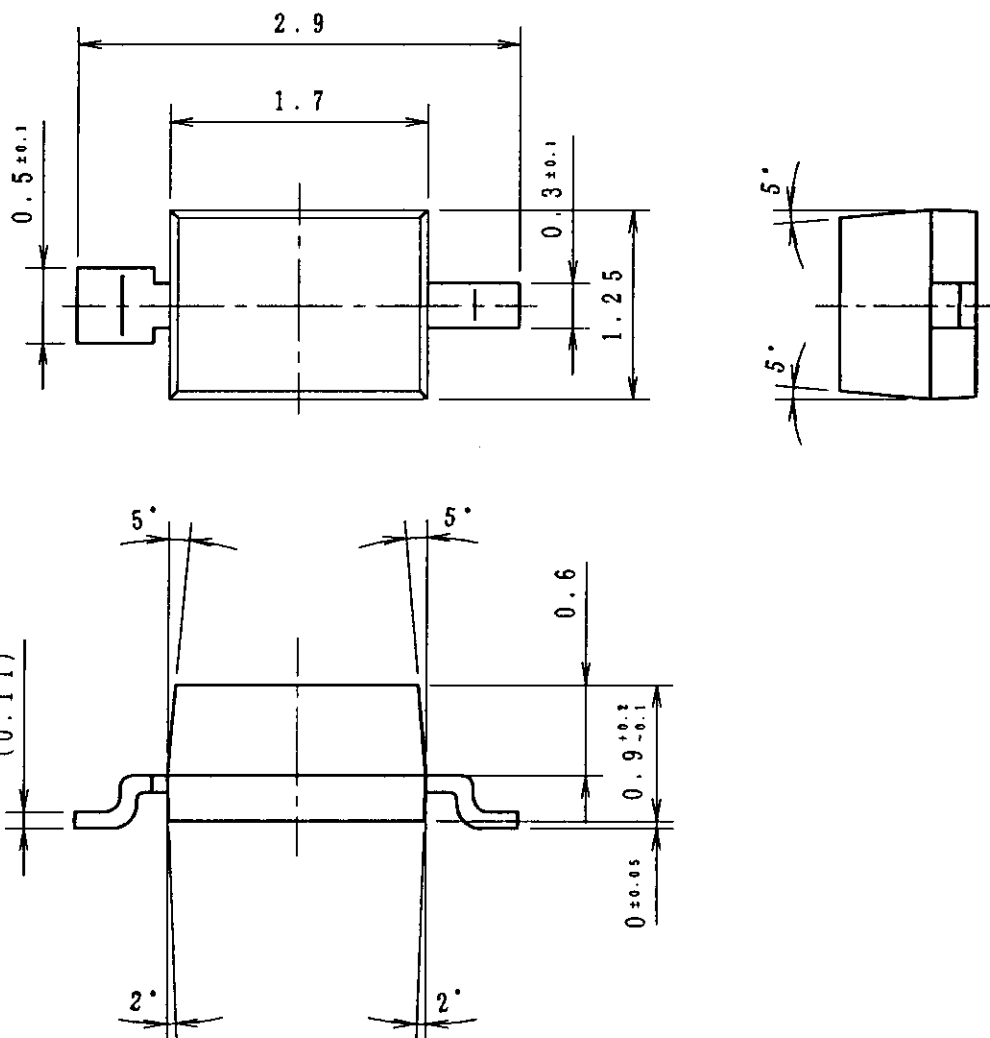
DEVELOPMENT SPECIFICATION

(OUTLINE)

P/N: LNJ306G5TUWQ

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(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.

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