

## Excellent Integrated System Limited

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[Panasonic Electronic Components](#)  
[LNJ306G5TUWQ](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

Approved <i>M. Yamashita</i>	Checked <i>K. Kikuchi</i>	Designed <i>T. Tabata</i>	DEVELOPMENT SPECIFICATION  P/N: <u>LNJ306G5TUWQ</u>	17	4

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.

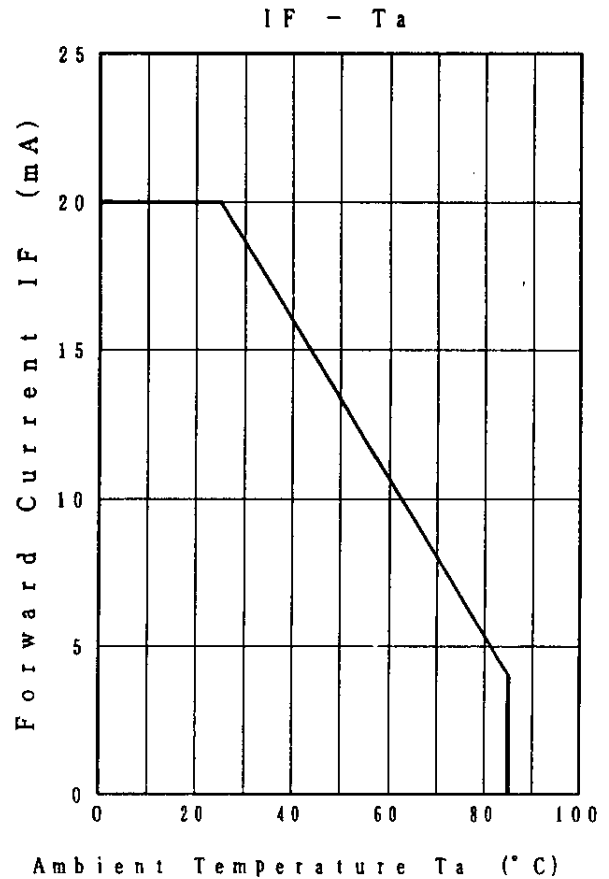
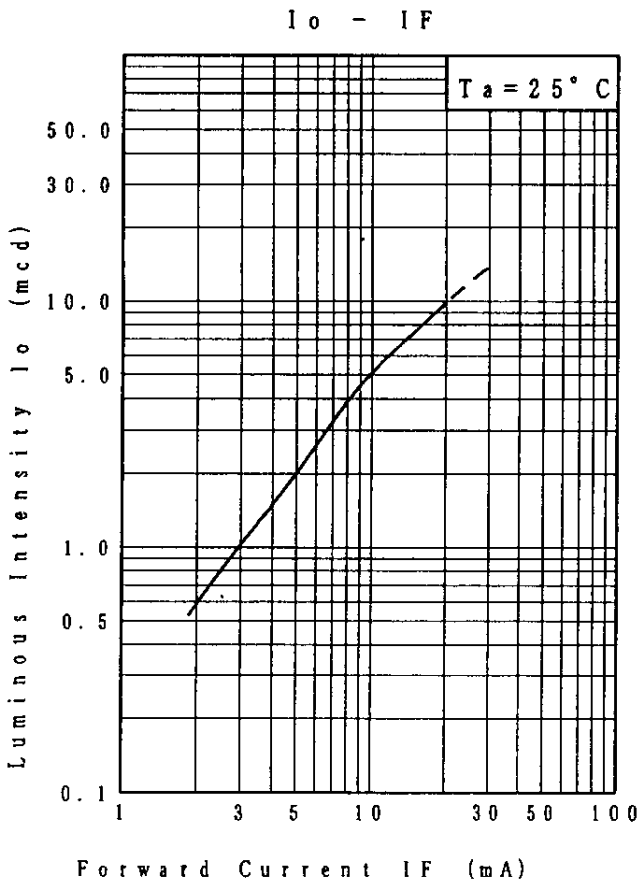
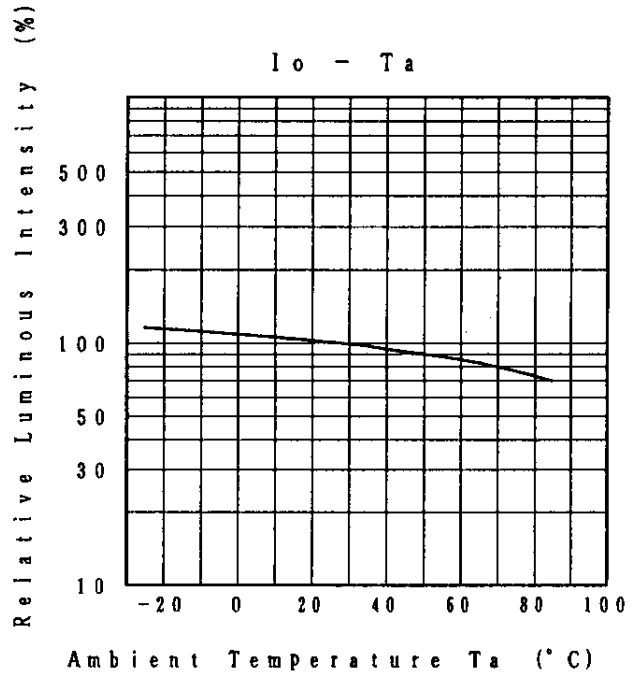
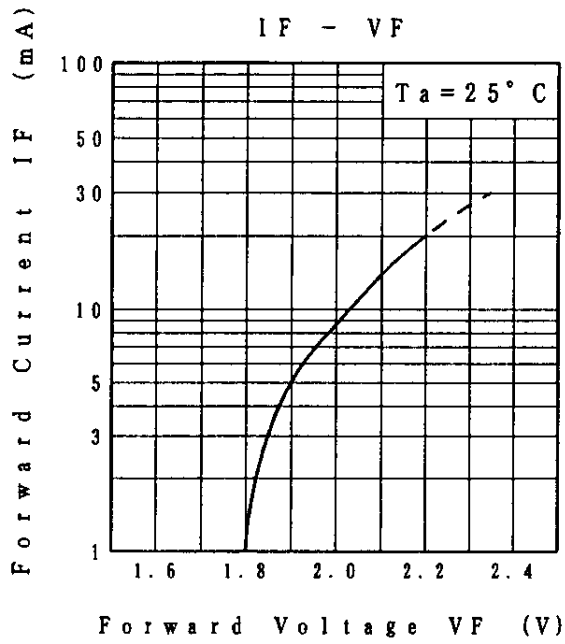
NOTE

- ★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)

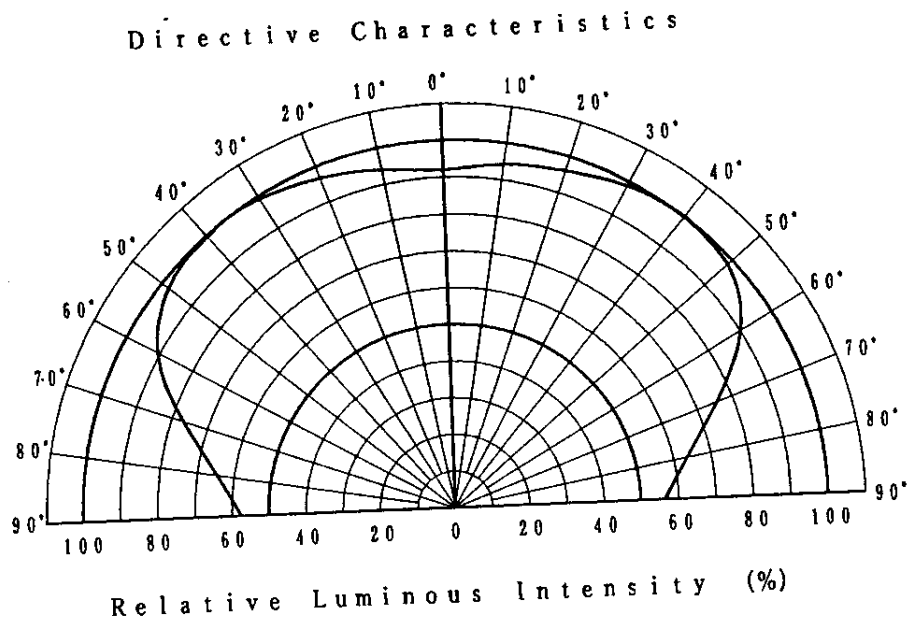
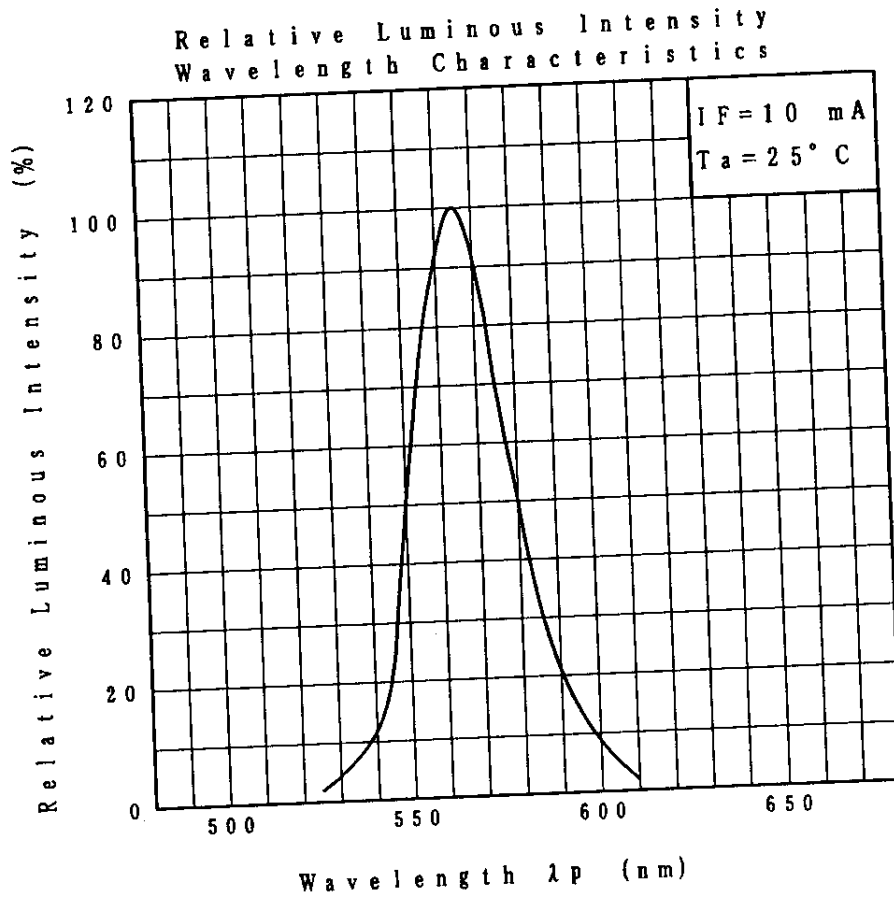
Rank	Specification	Unit
6	3.00~ 7.60	mcd
7	4.55~11.40	mcd

Nov. 6.1995			

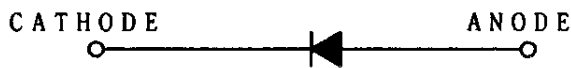
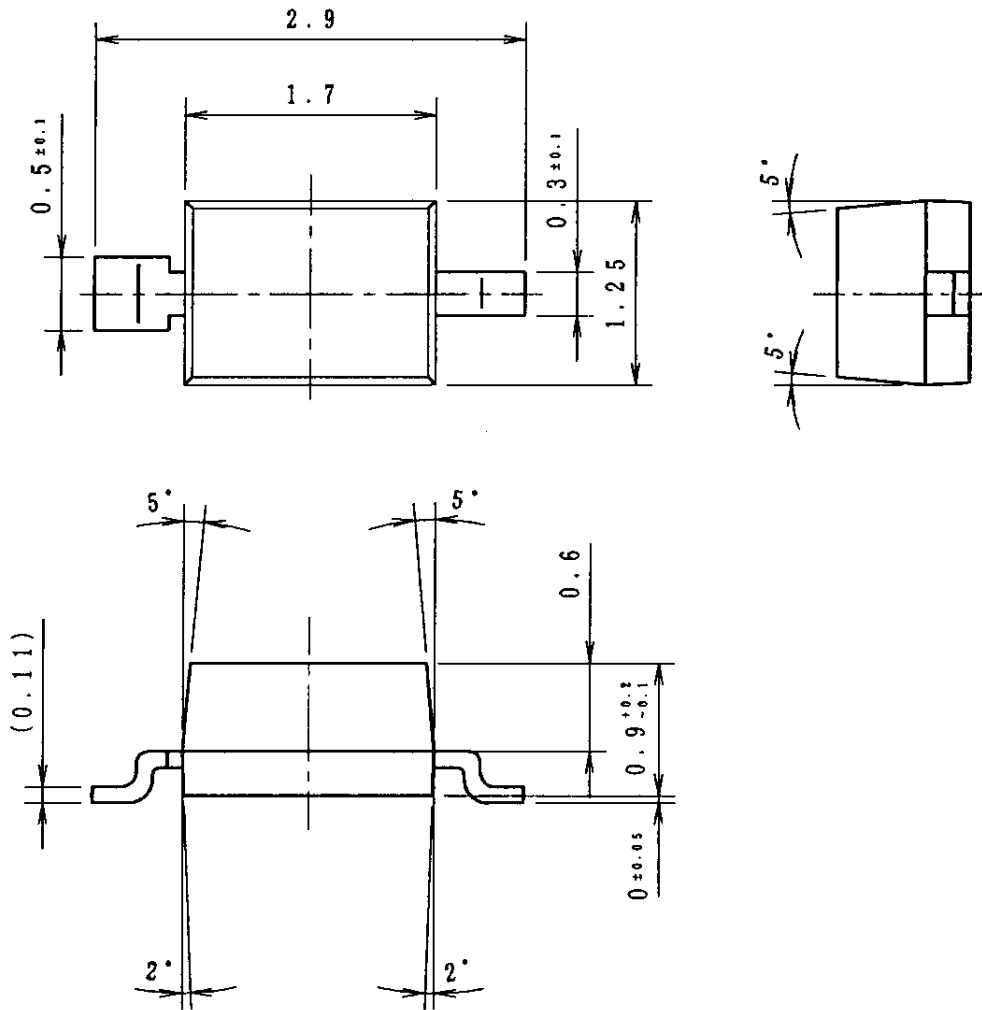
Approved <i>K. Yamamoto</i>	Checked <i>K. Kimura</i>	Designed <i>T. Takeda</i>	DEVELOPMENT SPECIFICATION		
P/N: LNJ306G5TUWQ			17		5



Approved	Checked	Designed	DEVELOPMENT SPECIFICATION		
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	P/N: LNJ306G5TUWQ		
			17		6



Approved <i>[Signature]</i>	Checked <i>[Signature]</i>	Designed <i>[Signature]</i>	DEVELOPMENT SPECIFICATION (OUTLINE) P/N: LNJ306G5TUWQ				
						17	



(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.