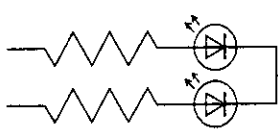
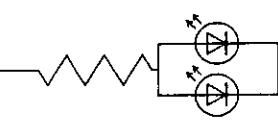


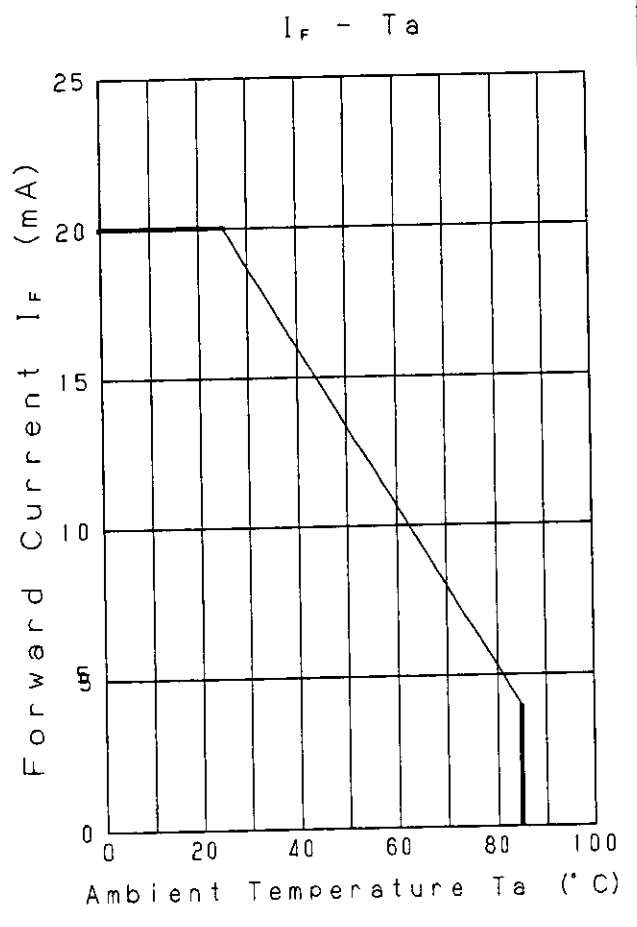
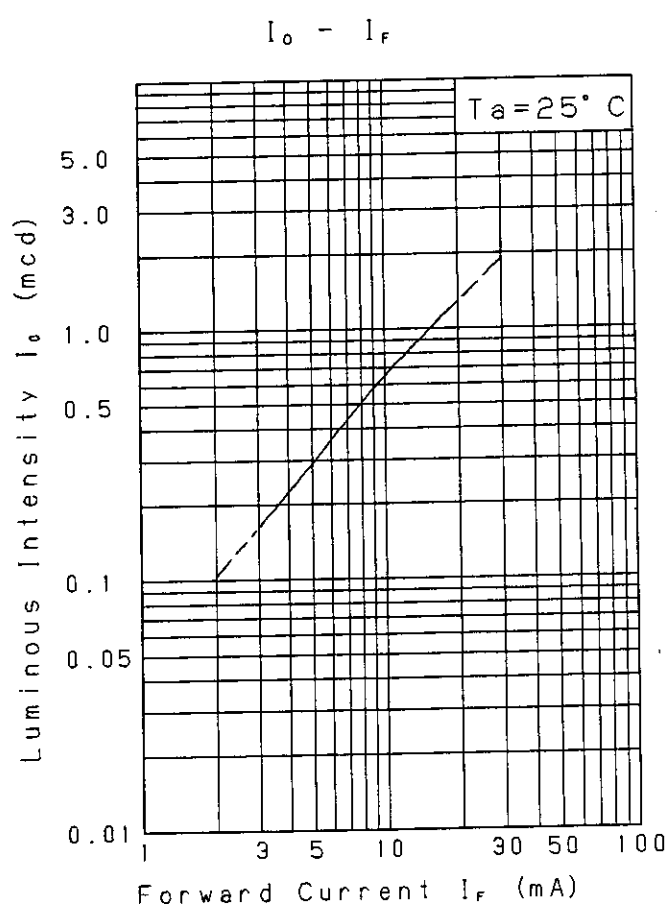
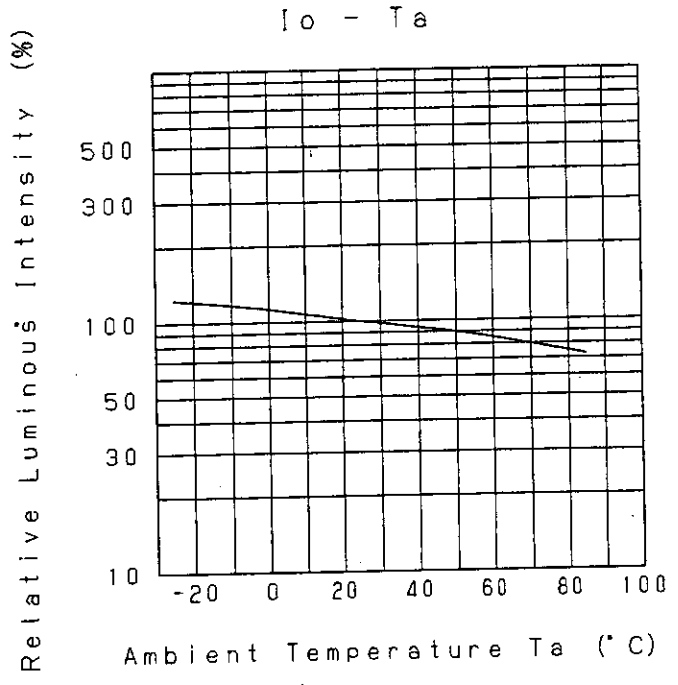
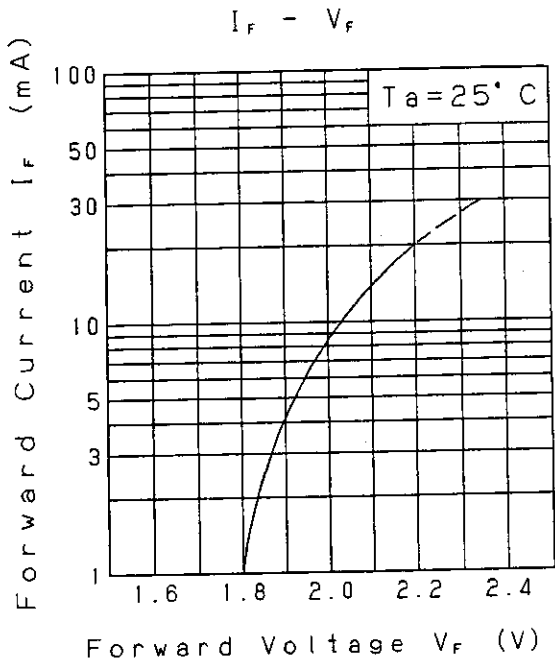
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION				
		<i>K. Ozawa</i>	Tentative P/N: <u>LNJ306G5PRX</u>				
TYPE		Green Light Emitting Diode					
APPLICATION		Indicators					
MATERIAL		GaP					
OUTLINE		Attached					
ABSOLUTE MAXIMUM RATINGS		P	※ I _{FP}	I _{FDC}	V _R	Topr	Tstg
		60	60	20	4	-25~+85	-30~+100
		mW	mA	mA	V	°C	°C
CONDITION		T _a = 25 ± 3 °C					
Test Specification							
Item	Symbol	Condition	Typ	Limit		Unit	
				Min	Max		
Forward Voltage	V _F	I _F = 10 mA	2.03		2.6	V	
Reverse Leakage Current	I _R	V _R = 4 V			10	μA	
Luminous Intensity	I _O	I _F = 10 mA · DC	0.65	0.25		mcd	
Peak Emission Wavelength	λ _p	I _F = 10 mA · DC	555			nm	
Spectral Line Half Width	Δλ	I _F = 10 mA · DC	20			nm	
<p>※ · The Condition of I_{FP} is duty 10 %, Pulse width 1 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"> 1. Compositions of the lead ... Cu/Ni/Au plating 2. Soldering conditions. Refer to Handling note. 3. Care should be taken that soldering is done within 3-days after opening the dry package and reel. 4. Package: Green diffusion type. 5. Circuit to operate LED. 							
						<p>(A) Recommended circuit.</p> <p>(B) The difference of brightness between the LED could be found due to the V_F characteristics of each LED.</p>	
Oct. 27. 2001							

Approved Checked Designed

DEVELOPMENT SPECIFICATION

Tentative
P/N: LNJ306G5PRX

K. Oshida



Oct. 27. 2001

Approved | Checked | Designed

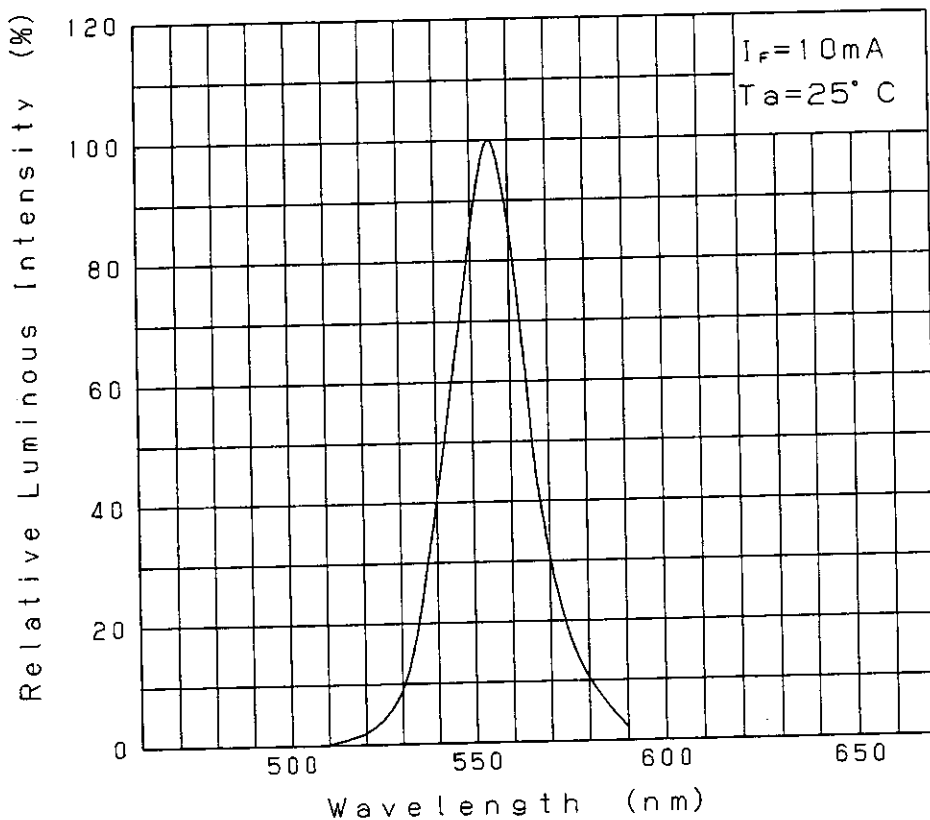
DEVELOPMENT SPECIFICATION

Tentative

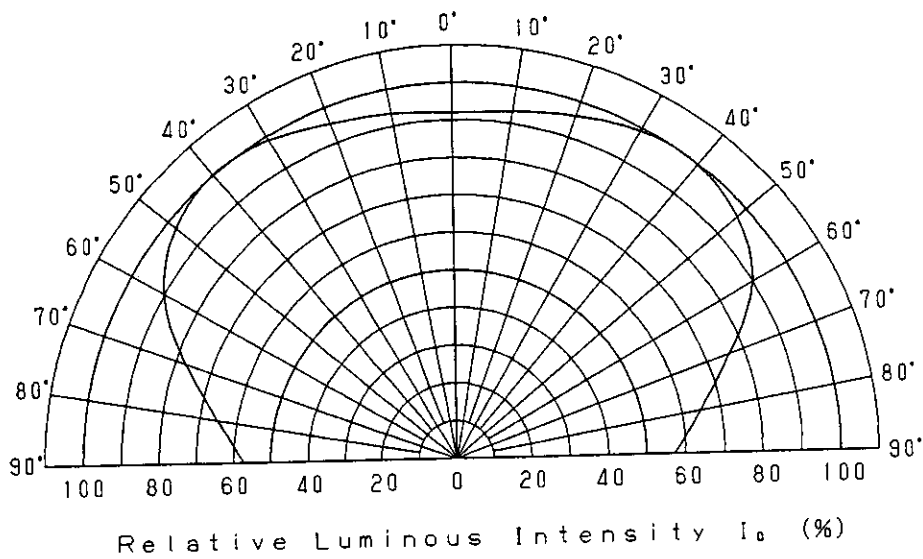
P/N: LNJ306G5PRX

K. Oshima

Relative Luminous Intensity Wavelength Characteristics



Directive Characteristics



Oct. 27. 2001

Panasonic

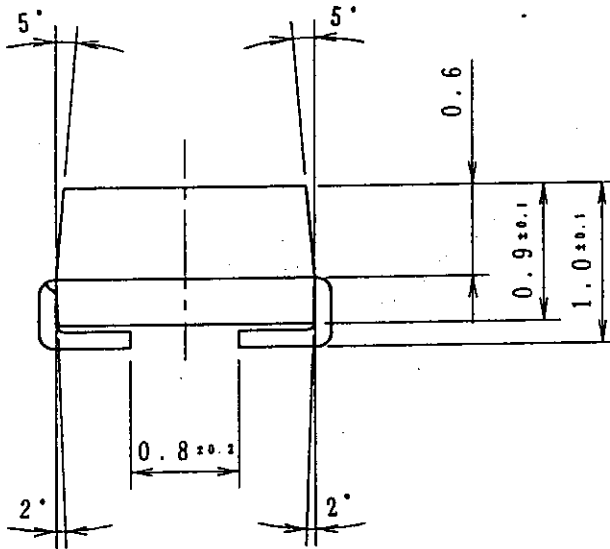
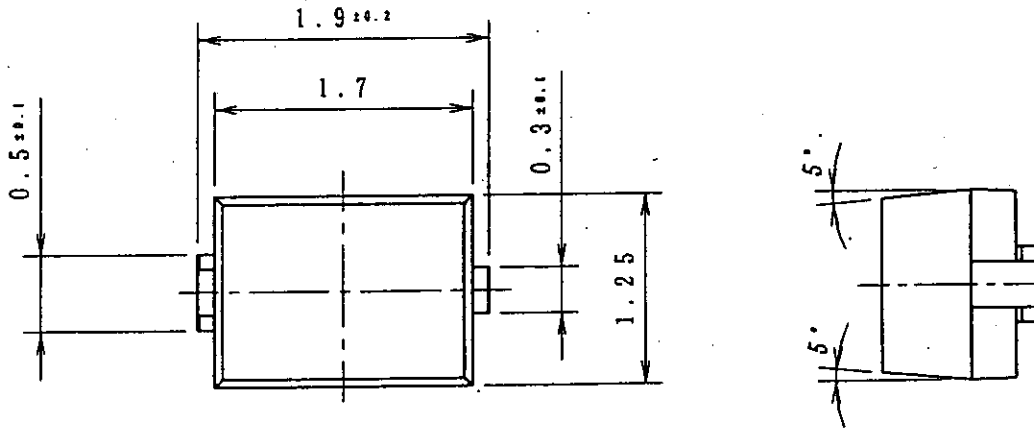
KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD.

KB-H-022-018B

Approved <i>M. Yamakita</i>	Checked <i>T. Sakuma</i>	Designed <i>T. Tabata</i>
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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