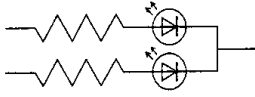
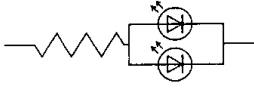


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION				
		<i>K. Okamoto</i>	Tentative P/N: <u>LNJ306G5PRX</u>				
T	Y	P	E	Green Light Emitting Diode			
APPLICATION			Indicators				
MATERIAL			GaP				
OUTLINE			Attached				
ABSOLUTE MAXIMUM RATINGS		P	※ I <sub>PP</sub>	I <sub>DC</sub>	V <sub>R</sub>	Topr	Tstg
		60	60	20	4	-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> = 10 mA	2.03		2.6	V	
Reverse Leakage Current	I <sub>R</sub>	V <sub>R</sub> = 4 V			10	μA	
Luminous Intensity	I <sub>O</sub>	I <sub>F</sub> = 10 mA · DC	0.65	0.25		mcđ	
Peak Emission Wavelength	λ <sub>p</sub>	I <sub>F</sub> = 10 mA · DC	555			nm	
Spectral Line Half Width	Δλ	I <sub>F</sub> = 10 mA · DC	20			nm	
<p>※ · The Condition of I<sub>PP</sub> is duty 10 %, Pulse width 1 ms  · 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: Green diffusion type.</li> <li>5. Circuit to operate LED.</li> </ol>							
				(A) Recommended circuit. (B) The difference of brightness between the LED could be found due to the V <sub>F</sub> characteristics of each LED.			
Oct. 27. 2001							

Panasonic

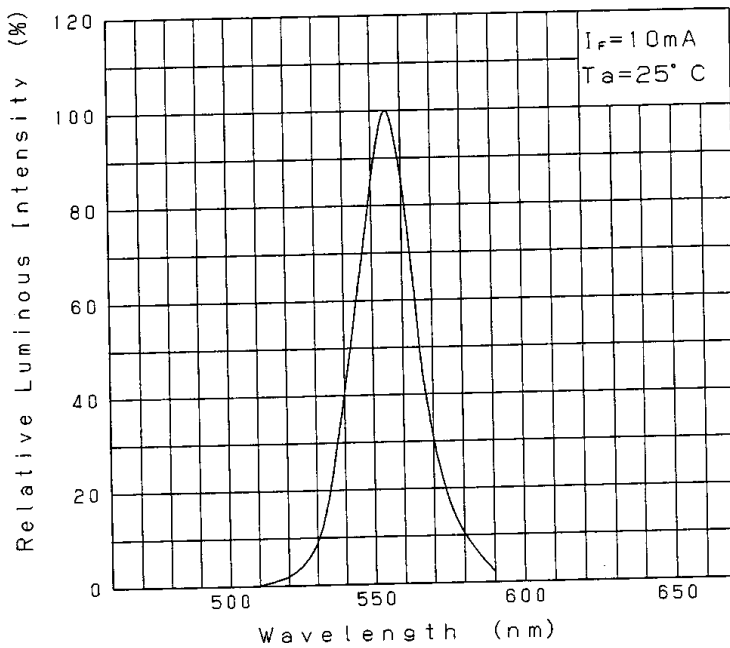
KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD

KB-H-022-018B

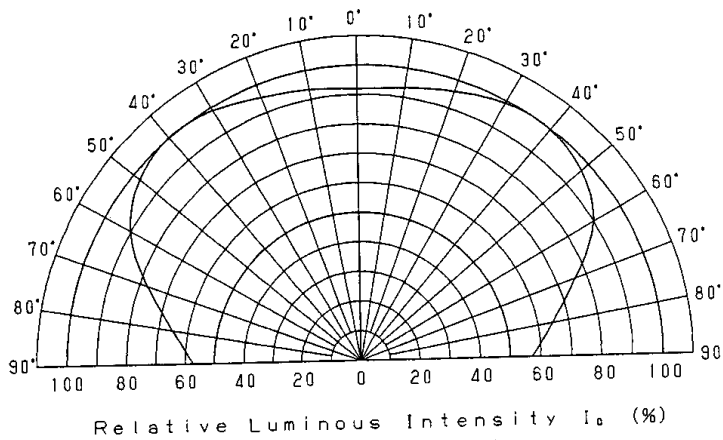
Approved	Checked	Designed <i>K. Oishi</i>	DEVELOPMENT SPECIFICATION	
			Tentative	
			P/N: LNJ306G5PRX	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><math>I_F - V_F</math></p> </div> <div style="text-align: center;"> <p><math>I_o - T_a</math></p> </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><math>I_o - I_F</math></p> </div> <div style="text-align: center;"> <p><math>I_F - T_a</math></p> </div> </div>				
Oct. 27. 2001				

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N: LNJ306G5PRX			
		<i>K. Otsuka</i>				

Relative Luminous Intensity  
Wavelength Characteristics



Directivity Characteristics

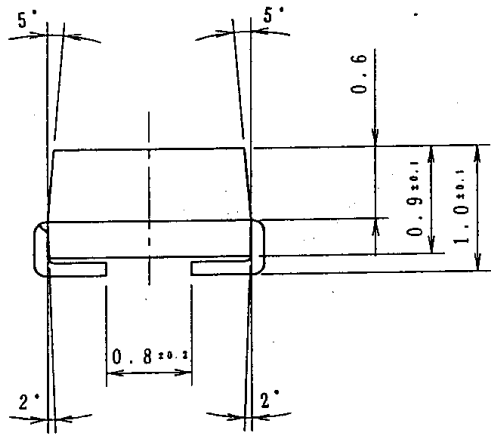
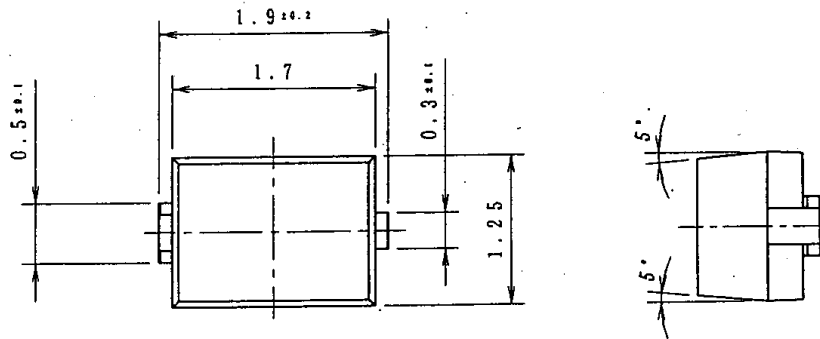


Oct. 27. 2001

Panasonic KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD. KB-H-022-018B

Approved <i>R. Yamakita</i>	Checked <i>T. Shikata</i>	Designed <i>T. Takata</i>
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DEVELOPMENT SPECIFICATION  
(OUTLINE)  
P/N:



- (NOTE)
1. Unit: mm
  2. Tolerance unless specified is  $\pm 0.2$ .
  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		