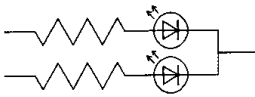
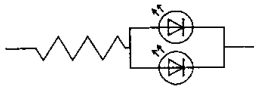


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
		<i>K. Ozawa</i>	Tentative P/N: LNJ306G5PUX					
T Y P E			Green Light Emitting Diode					
APPLICATION			Indicators					
MATERIAL			GaP					
OUTLINE			Attached					
ABSOLUTE MAXIMUM RATINGS			P	※ I _{IF}	I _{IFDC}	V _R	Topr	Tstg
			60	60	20	4	-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 ₀	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_{IF} is duty 10 %, Pulse width 1 ms</p> <p>· Please contact the Panasonic local office if you design at low current (below 1 mA 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 <i>K. Oshiro</i>	DEVELOPMENT SPECIFICATION	
			Tentative	
			P/N: LNJ306G5PUX	

$I_F - V_F$

Forward Current I_F (mA)

Forward Voltage V_F (V)

$I_o - T_a$

Relative Luminous Intensity (%)

Ambient Temperature T_a (°C)

$I_o - I_F$

Luminous Intensity I_o (mcd)

Forward Current I_F (mA)

$I_F - T_a$

Forward Current I_F (mA)

Ambient Temperature T_a (°C)

Oct. 27. 2001		
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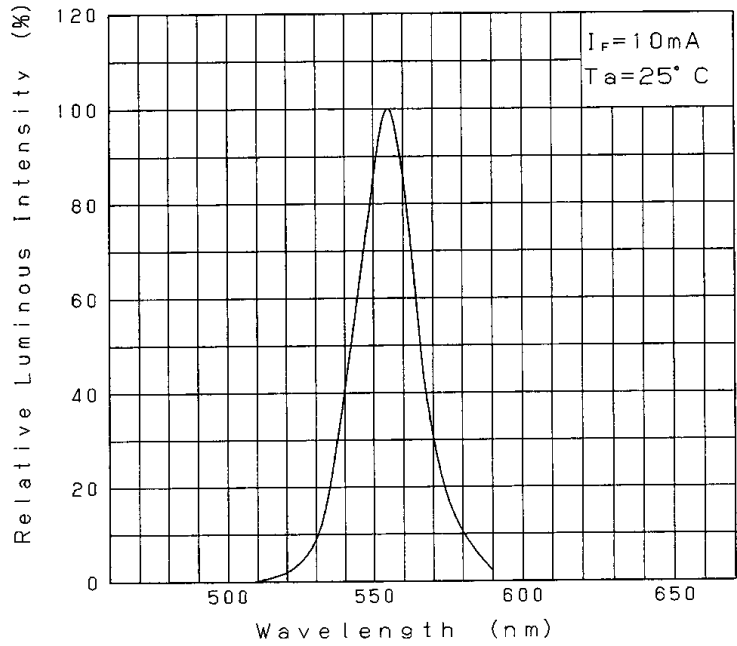
Panasonic

KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD.

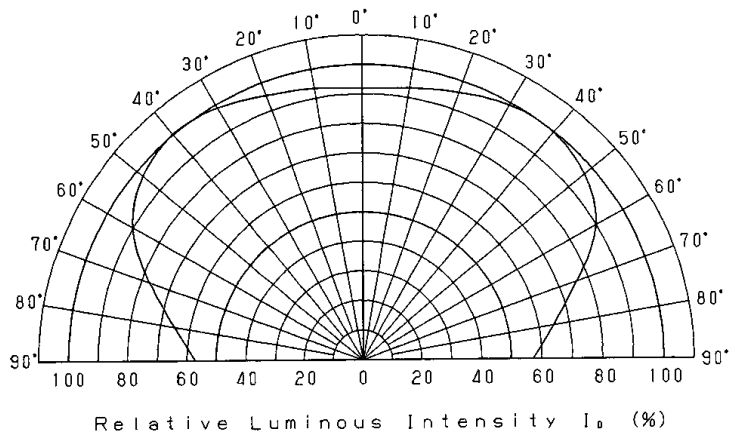
KB-H-022-018B

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION		
		<i>K. Ozawa</i>	Tentative		
			P/N: LNJ306G5PUX		

Relative Luminous Intensity
Wavelength Characteristics

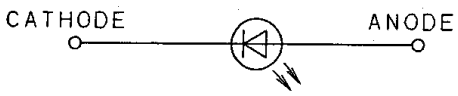
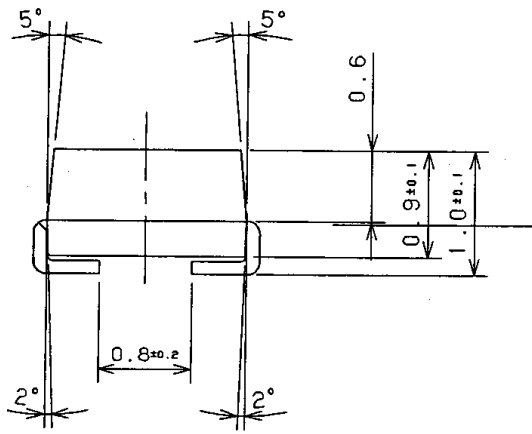
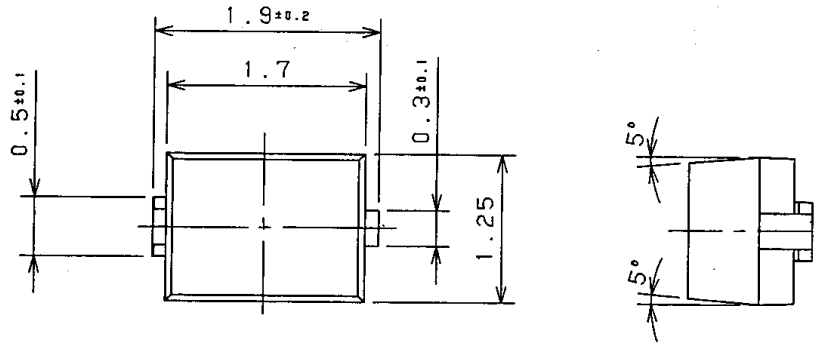


Directive Characteristics



Oct. 27. 2001			
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Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE) P/N: _____
		<i>K. O...</i>	



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

Oct. 27. 2001		