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[LNJ310C6PRA](#)

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sales@integrated-circuit.com

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative <u>P/N:LNJ310C6PRA</u>								
		<i>K. J. [Signature]</i>									
T	Y	P	E	Green Light Emitting Diode							
APPLICATION				Indicators							
MATERIAL				GaP							
OUTLINE				Attached							
ABSOLUTE MAXIMUM RATINGS				P	*1 I _{FP}	I _{FDC}	V _R	Topr		Tstg	
				60	60	20	4	-25~+85		-30~+100	
				mW	mA	mA	V	°C		°C	
CONDITION				Ta = 25 ± 3 °C							

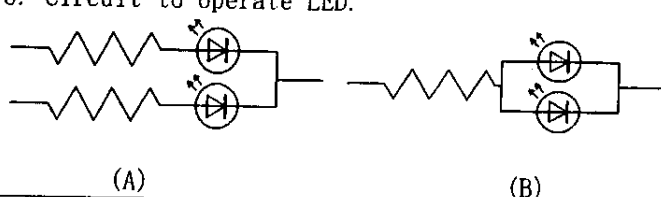
Test Specification

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	μ A
Luminous Intensity *2	I_O	$I_F = 10$ mA DC	1.1	0.6		mcd
Peak Emission Wavelength	λ_p	$I_F = 10$ mA DC	555			nm
Spectral Line Half Width	$\Delta \lambda$	$I_F = 10$ mA DC	20			nm

- *1 · The Condition of I_{FP} is duty 10 %, Pulse width 1 ms
 · Please contact the Panasonic local office if you design at low current (below 1 mA DC) or pulse current operation and have any questions.
 *2 Measurement Tolerance is $\pm 20\%$.

NOTE

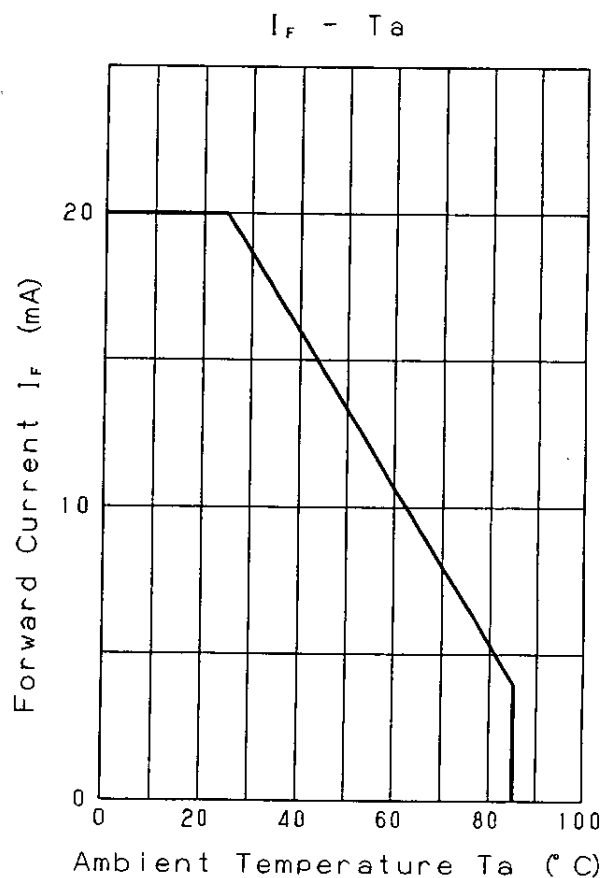
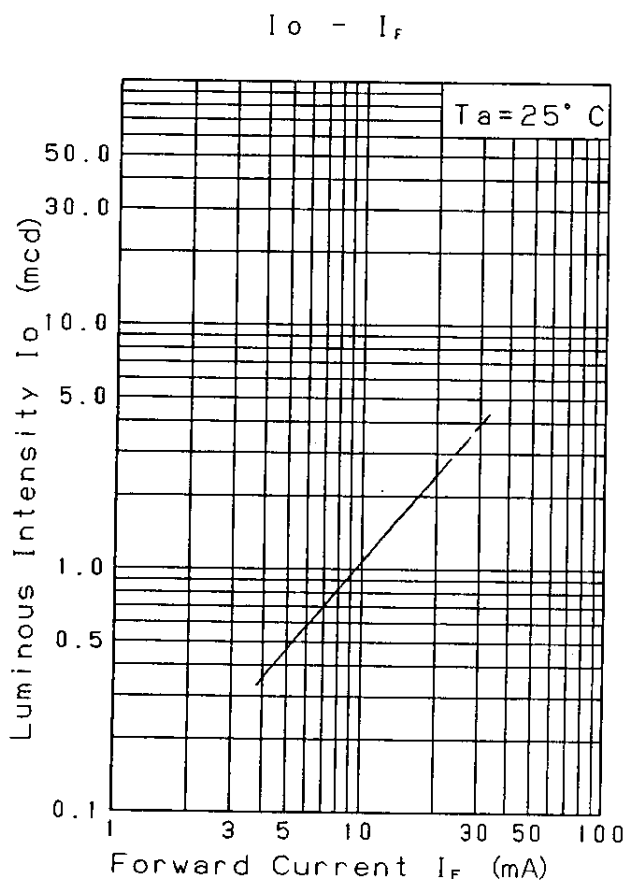
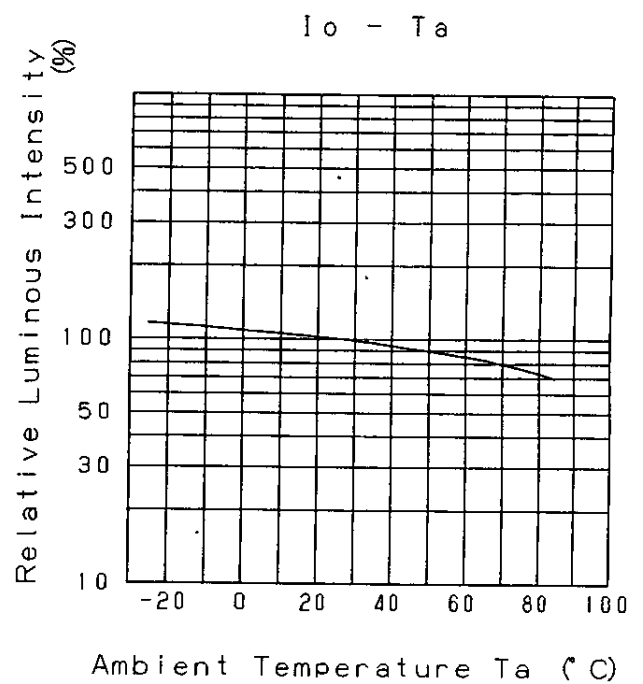
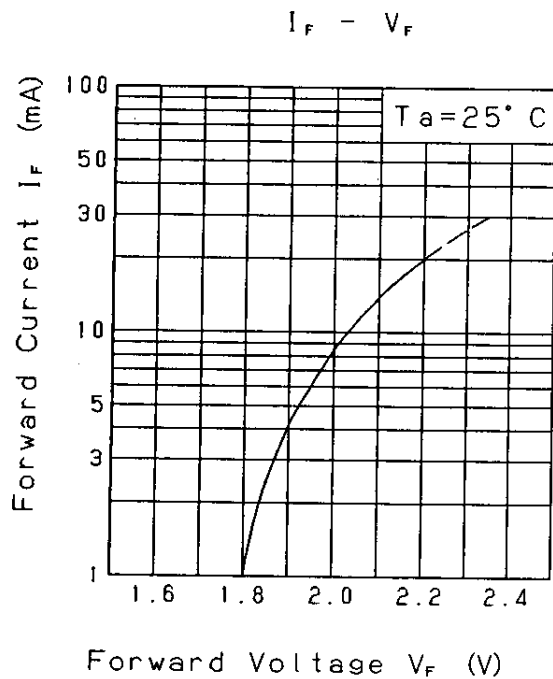
- ★1. Terminal: Plated with gold on copper base.
 ★2. Package : Clear type.
 ★3. Soldering conditions.
 Refer to Handling note.
 ★4. Care should be taken that soldering is done within 3-days after opening the dry package and reel.
 ★5. Circuit to operate LED.



- (A) Recommended circuit.
 (B) The difference of brightness between the LED could be found due to the V_F characteristics of each LED.

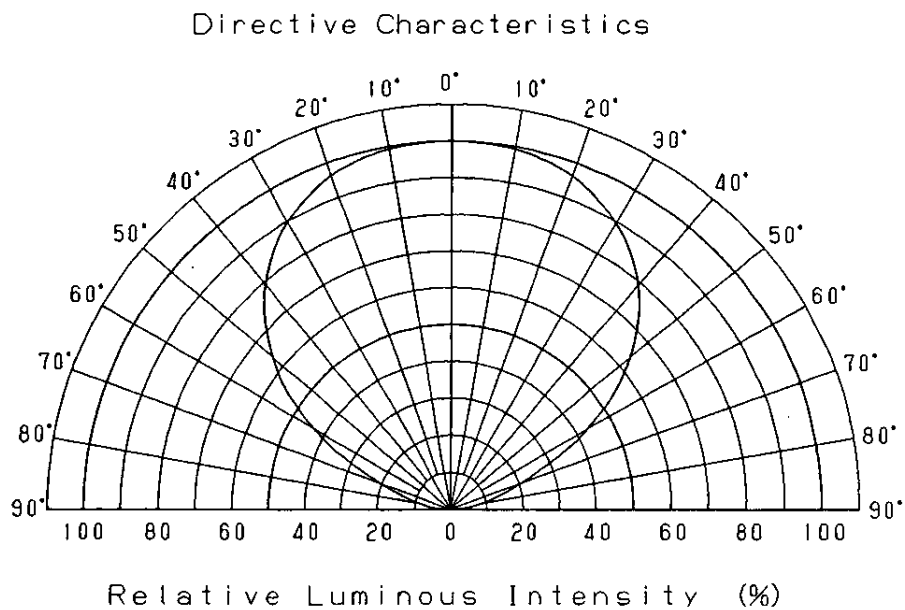
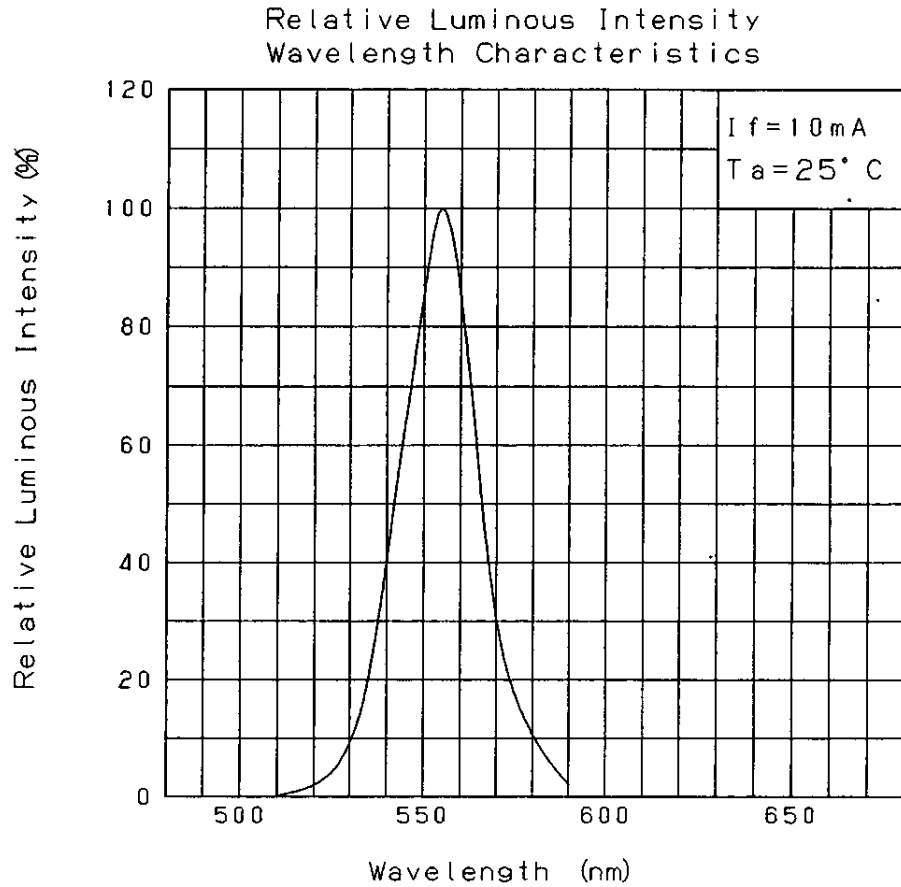
Oct. 20. 2001

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION			
		<i>K. Sakurai</i>	Tentative			
			P/N: LNJ310C6PRA			



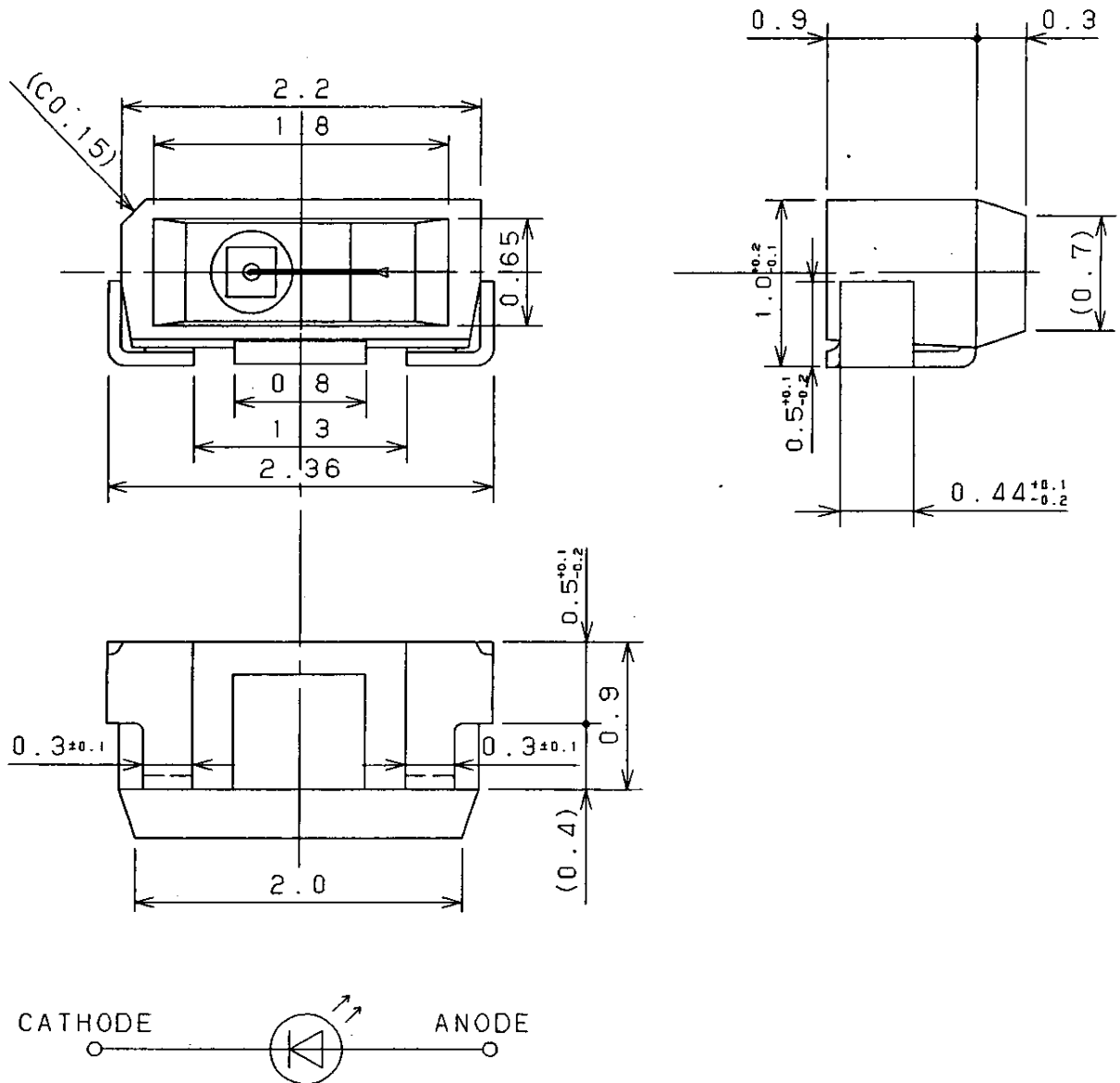
Oct. 20. 2001

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION			
		<i>K. Sakurai</i>	Tentative P/N : LNJ310C6PRA			



Oct. 20. 2001			

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE) Tentative P/N: LNJ310C6PRA			
		<i>K. Sakurai</i>				



(NOTE)
 1. Unit: mm
 2. Tolerance unless specified is ± 0.15 .

Oct. 20. 2001			