Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N:LNJ310C6PRA				

T Y P E	Green Light Emitting Diode					
APPLICATION	Indicators					
MATERIAL	GaP					
OUTLINE	Attached					
ABSOLUTE MAXIMUM RATINGS	P 60 mW	*1 I_{FP} 60 mA	I_{FDC} 20 mA	V_R 4 V	Topr -25～+85 ℃	Tstg -30～+100 ℃
CONDITION	Ta＝25±3 ℃					

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 *2	I_O	I_F＝10 mA DC	1.1	0.6		mcd
Peak Emission Wavelength	λp	I_F＝10 mA DC	555			nm
Spectral Line Half Width	Δλ	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 ±20%.

NOTE

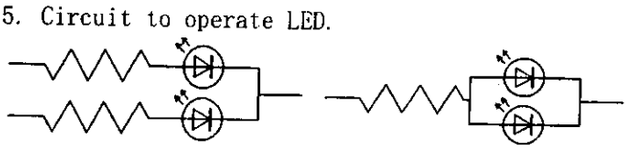
★1. Terminal:Plated with gold on copper base.

★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) (B)

(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			

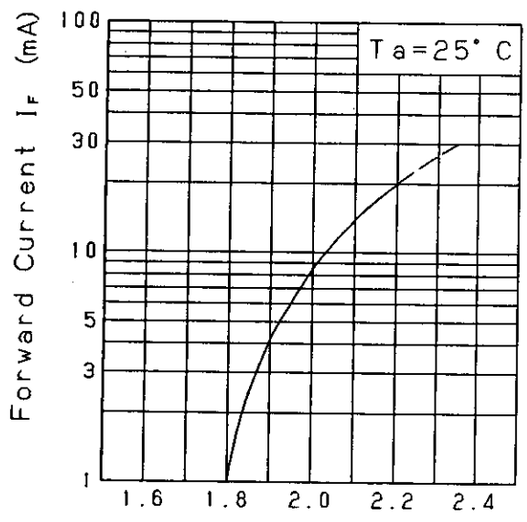
Approved	Checked	Designed

DEVELOPMENT SPECIFICATION

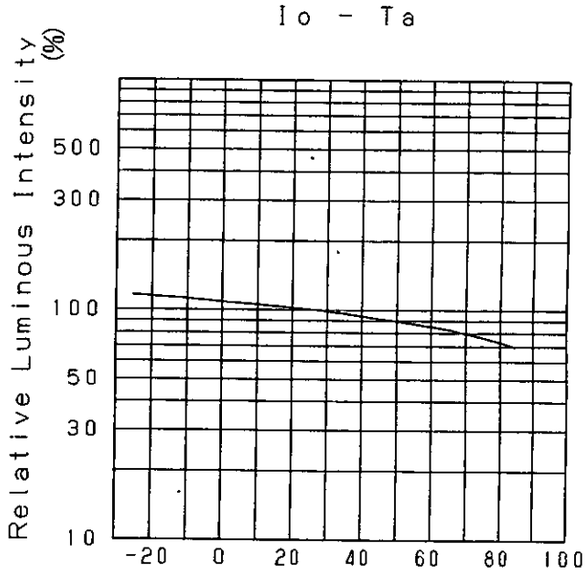
Tentative

P/N:LNJ310C6PRA

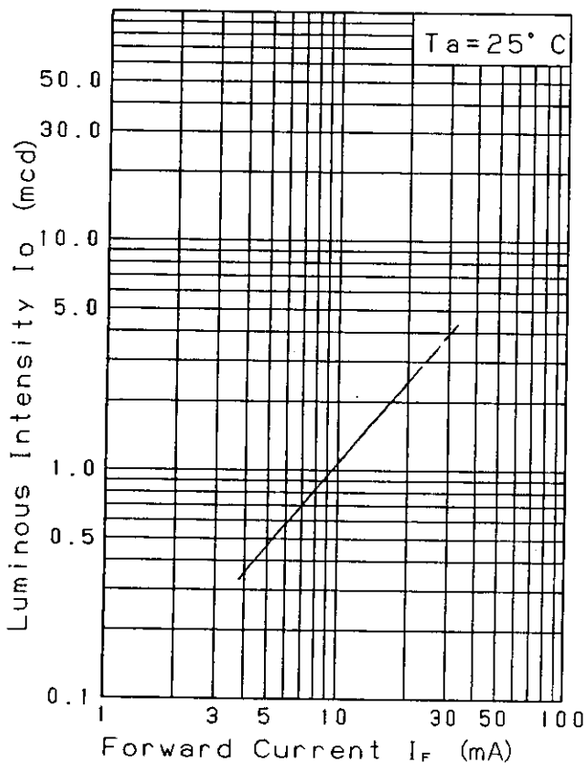
$I_F - V_F$



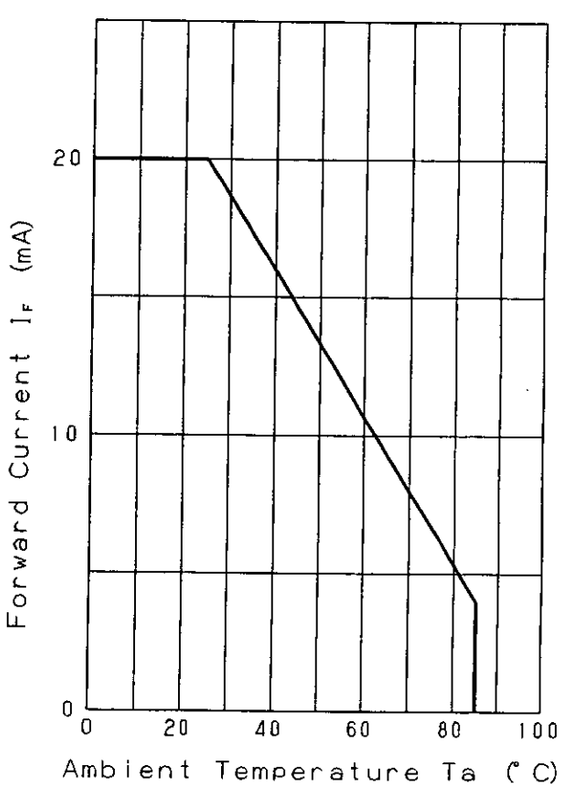
Io - Ta



Io - I_F



I_F - Ta



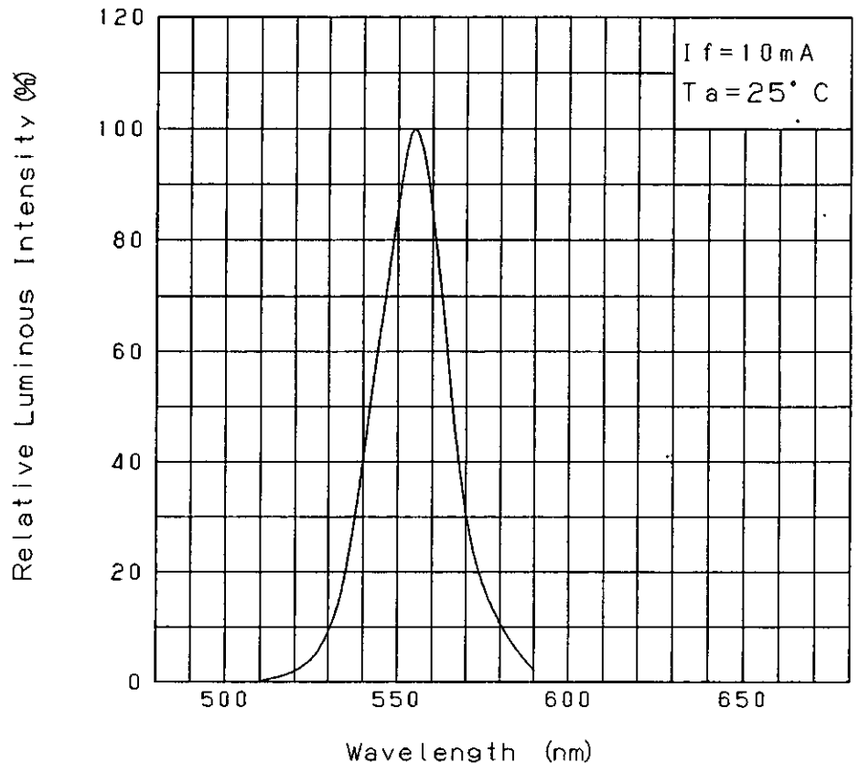
Oct.20.2001			

Approved	Checked	Designed

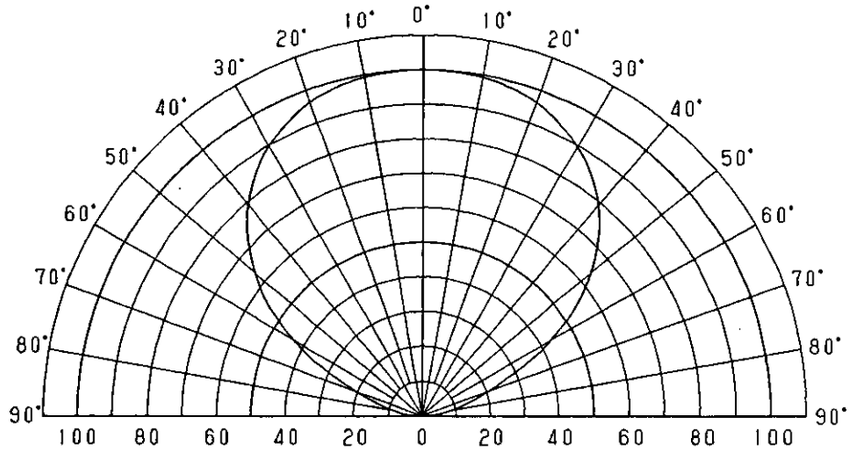
DEVELOPMENT SPECIFICATION

Tentative P/N :LNJ310C6PRA

Relative Luminous Intensity
Wavelength Characteristics



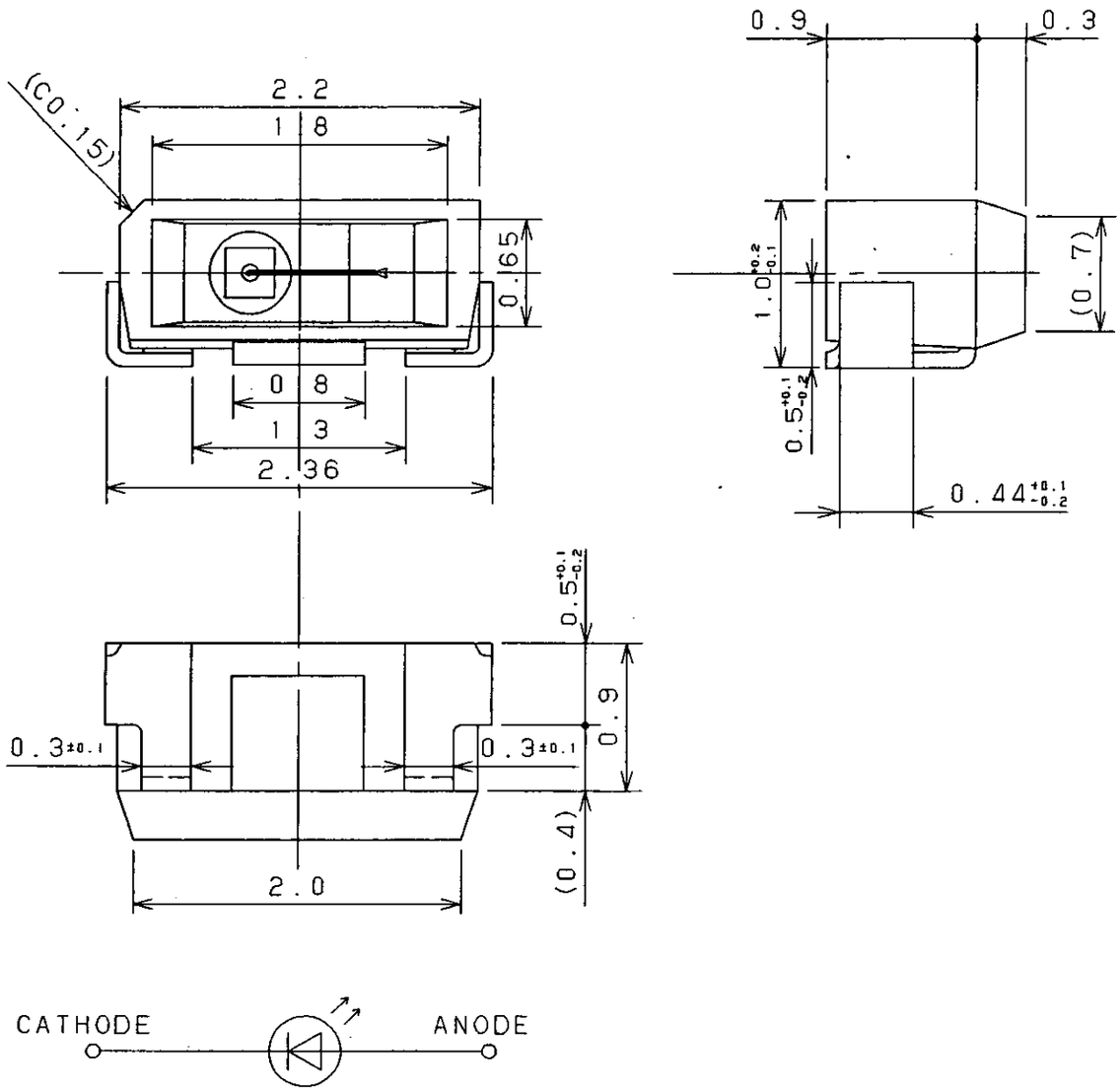
Directive Characteristics



Oct.20.2001			

Approved	Checked	Designed

DEVELOPMENT SPECIFICATION
(OUTLINE) Tentative
P/N:LNJ310C6PRA



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

Oct.20.2001			