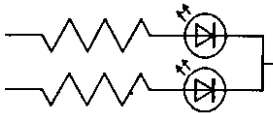
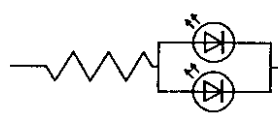


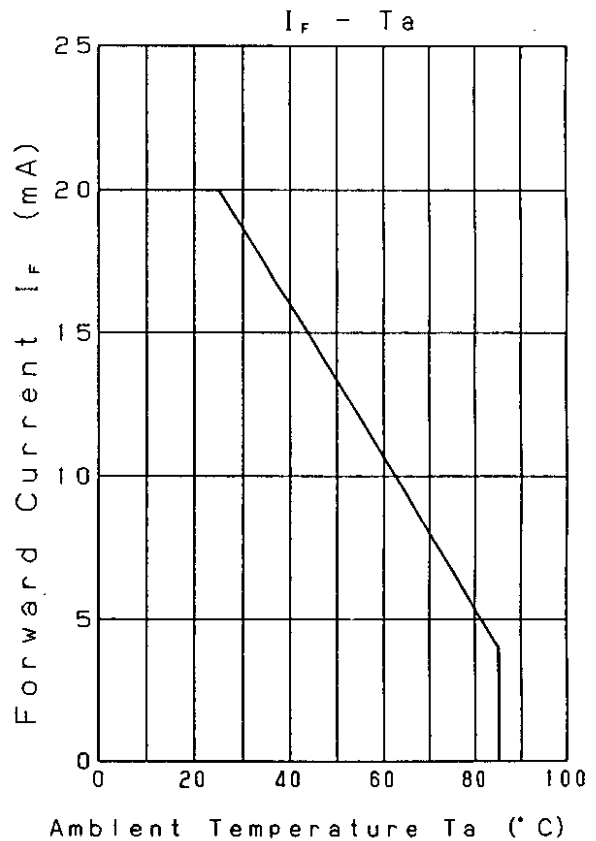
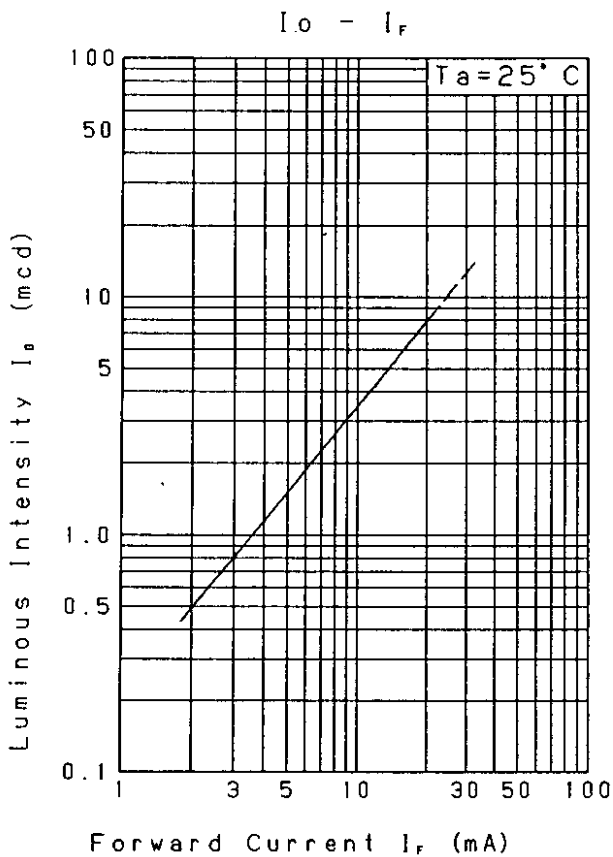
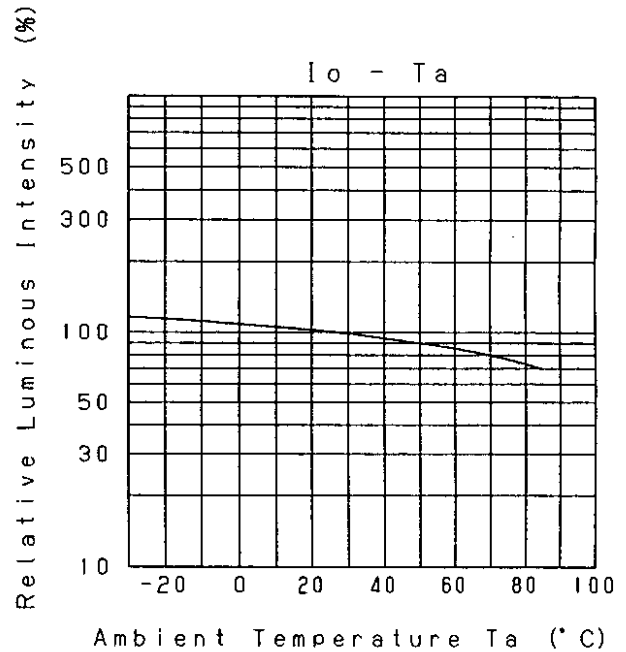
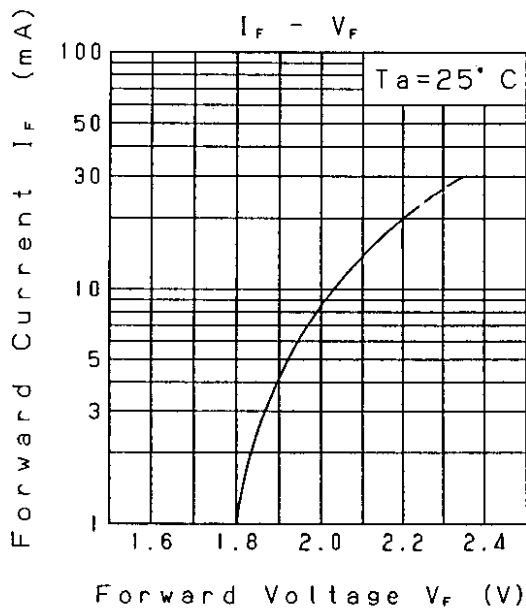
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
		T. Tabata	P/N: LNJ318C8PRA				TEMPORARY	
T Y P E			Green Light Emitting Diode					
APPLICATION			Indicators					
MATERIAL			GaP					
OUTLINE			Attached					
ABSOLUTE MAXIMUM RATINGS			P	*1 I _{FP}	I _{FDC}	V _R	Topr	Tstg
			60	60	20	4	-30~+85	-40~+100
			mW	mA	mA	V	°C	°C
CONDITION			T _a = 25 ± 3°C					
Test Specification								
I t e m	Symbol	C o n d i t i o n	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	3.5	2.0		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>*1. The Condition of I_{FP} is duty 10 %, Pulse width 1 ms</p> <p>*2. Tolerance of luminous intensity : ±20%.</p>								
NOTE								
★1. Please contact the Panasonic local office if you design at low current (below 1mA DC) or pulse current operation and have any questions.								
★2. Soldering conditions...Refer to Handling note.								
★3. Compositions of the lead ... Cu/Ni/Au plating								
★4. 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.		
(A)			(B)					
Nov. 7. 2001								

Approved	Checked	Designed
		T. Tabata

DEVELOPMENT SPECIFICATION

P/N: LNJ318C8PRA

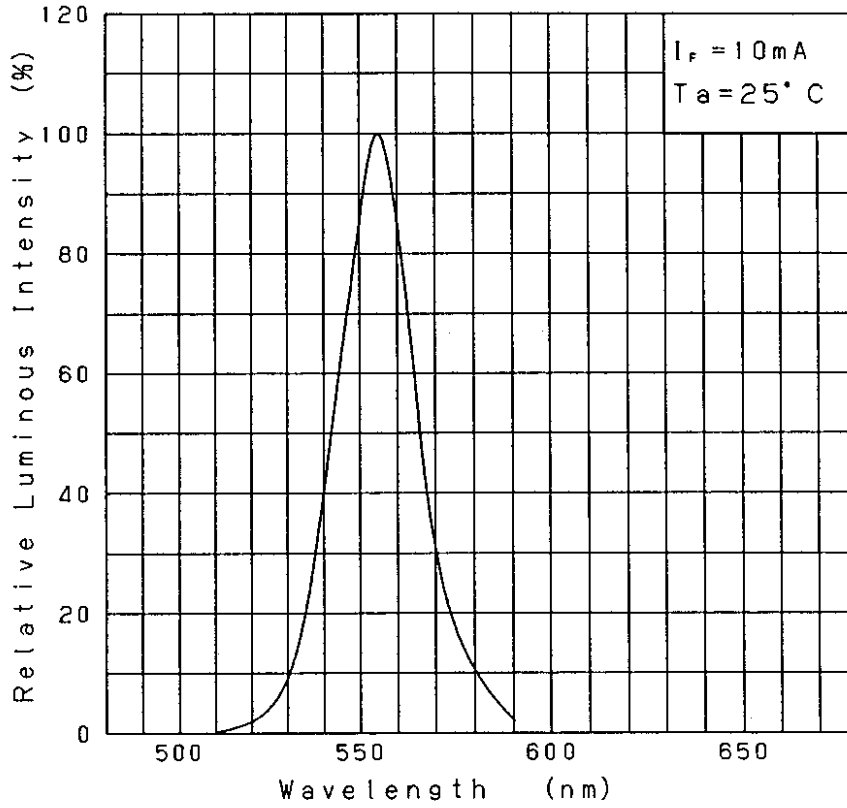
TEMPORARY



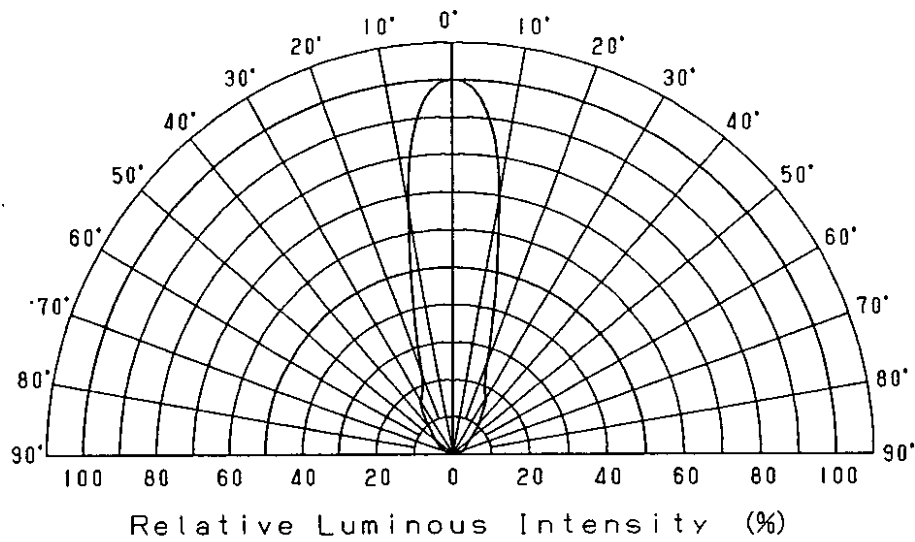
Nov. 7, 2001			
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Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Tabata		

Relative Luminous Intensity
Wavelength Characteristics

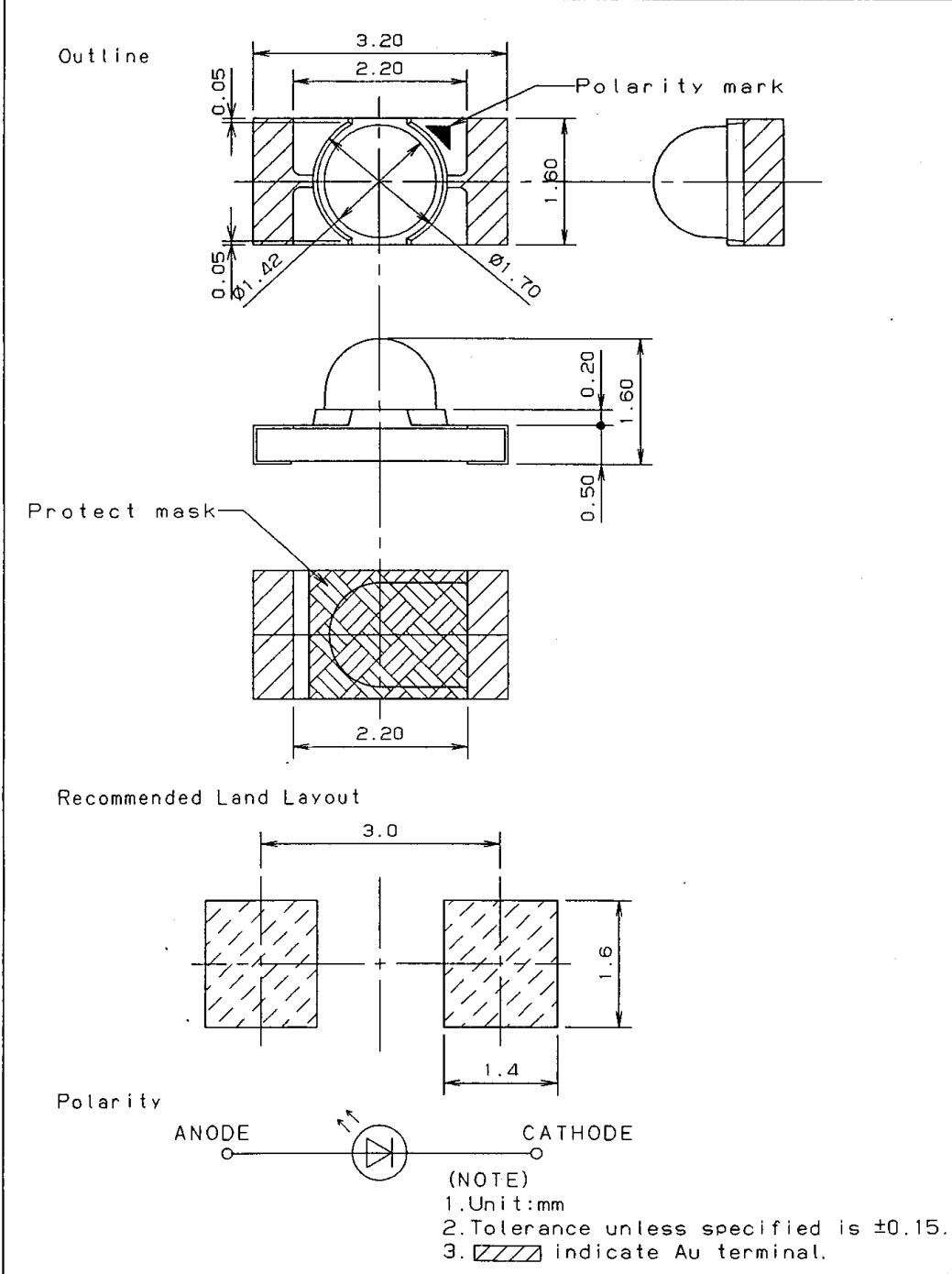


Directive Characteristics



Nov. 7, 2001			
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Approved <i>T. S. H. K.</i>	Checked <i>n. h. k.</i>	Designed <i>T. Tabata</i>	DEVELOPMENT SPECIFICATION (OUTLINE) P/N: _____	TEMPORARY



Jul. 5.2001			
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Panasonic KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD. KB-H-022-018B