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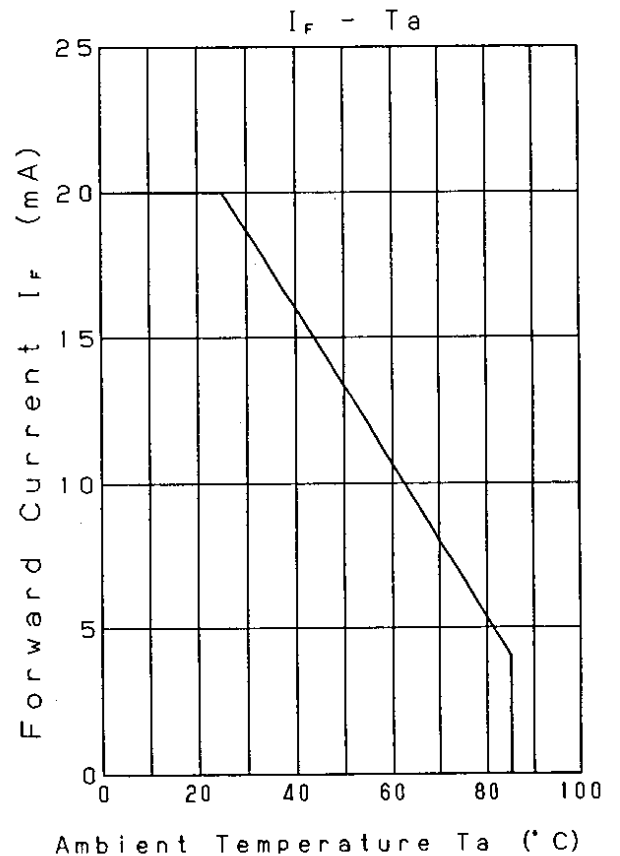
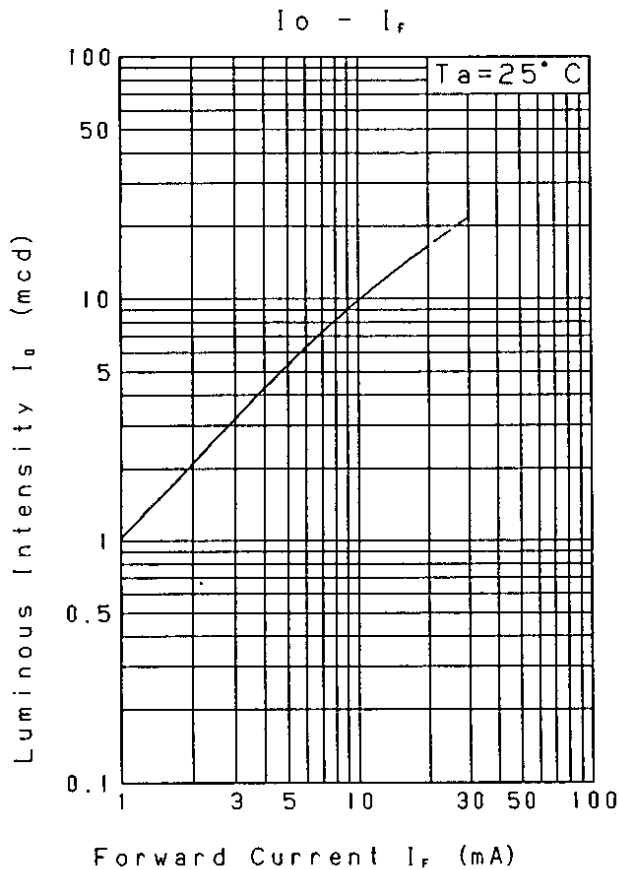
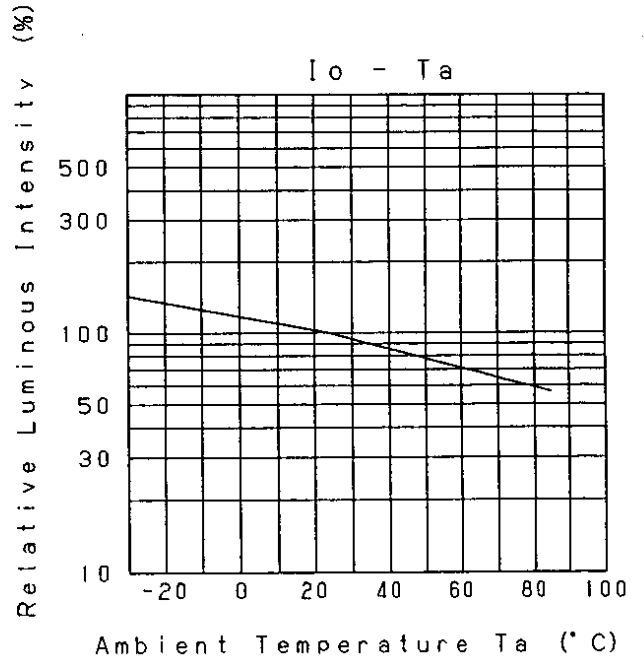
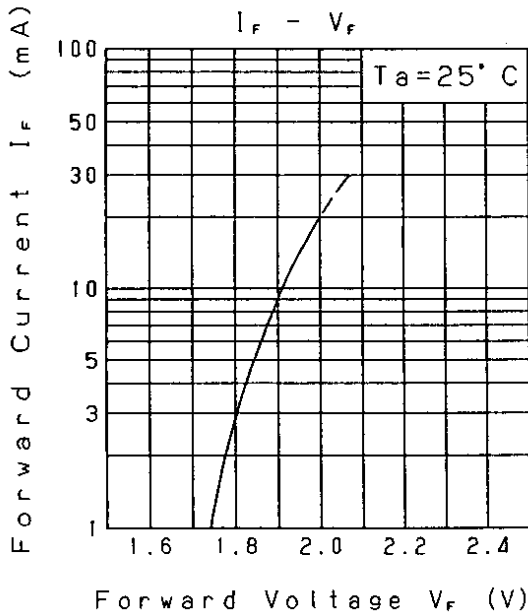
[Panasonic Electronic Components](#)
[LNJ816C88RA](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

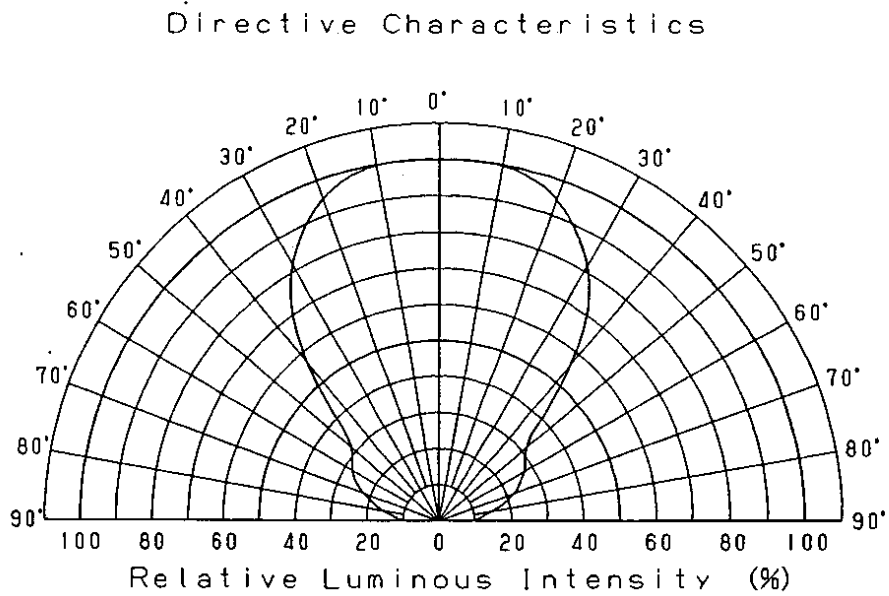
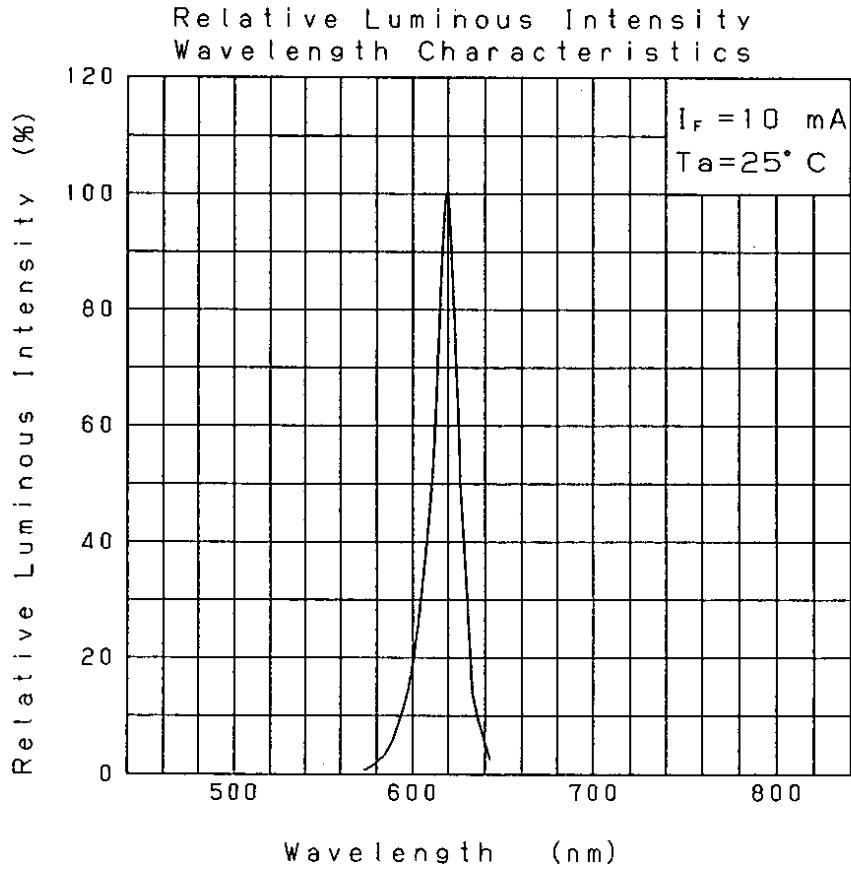
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
		<i>T. Tabata</i>	P/N: LNJ816C88RA				TEMPORARY	
T Y P E		Orange Light Emitting Diode						
APPLICATION		Indicators						
MATERIAL		InGaAlP						
OUTLINE		Attached						
ABSOLUTE MAXIMUM RATINGS		P	*1 I _{FP}	I _{FDC}	V _R	Topr	Tstg	
		55	60	20	4	-30~+85	-40~+100	
		mW	mA	mA	V	°C	°C	
CONDITION		Ta=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 =10mA	1.9		2.5	V		
Reverse Leakage Current	I _R	V _R = 3V			100	μA		
Luminous Intensity *2	I _O	I _F =10mA DC	9.8	5.2		mcd		
Peak Emission Wavelength	λ _p	I _F =10mA DC	620			nm		
Spectral Line Half Width	Δλ	I _F =10mA DC	17			nm		
<p>*1. The Condition of I_{FP} is duty 10% , Pulse width 1 ms</p> <p>*2. Tolerance of luminous intensity: ±20%.</p> <p>NOTE</p> <p>★1. 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>★2. Soldering conditions...Refer to Handling note.</p> <p>★3. Compositions of the lead ... Cu/Ni/Au plating</p> <p>★4. Beware of destruction by static electricity in handling the LED.</p> <p>★5. Circuit to operate LED.</p>								
						(A) Recommended circuit.		
						(B) The difference of brightness between the LED could be found due to the V _F characteristics of each LED.		
Oct. 18. 2001								

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Takata		



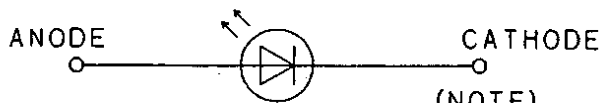
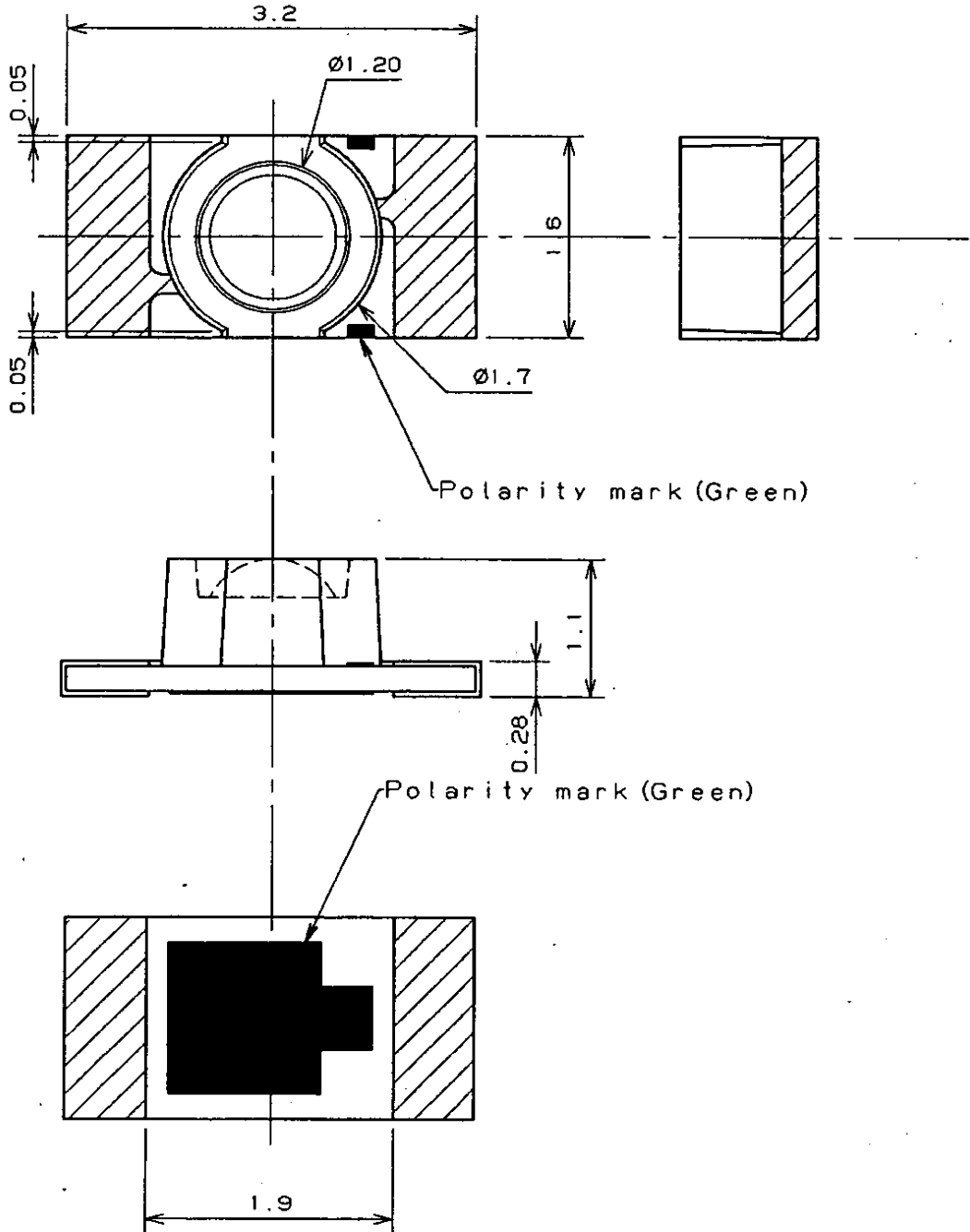
Nov.7.2001		
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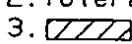
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Takata		



Nov. 7. 2001			
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Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE)		
<i>T. Okada</i>	<i>M. Ni</i>	<i>T. Taketa</i>		P/N:	



- (NOTE)
1. Unit: mm
 2. Tolerance unless specified is ± 0.15 .
 3.  indicate Au terminal.

Jan. 31. 2000			