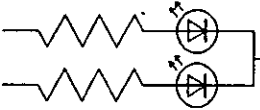
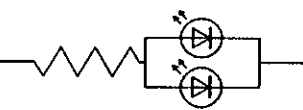
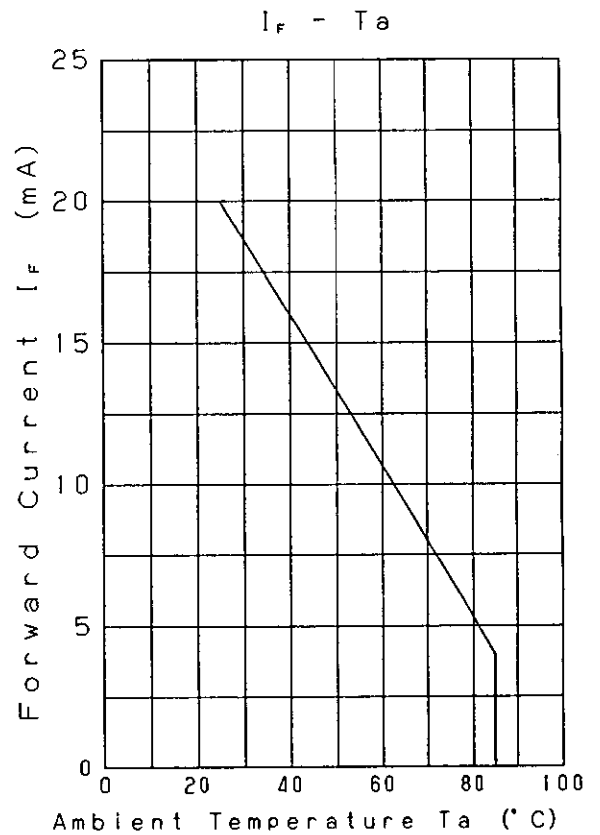
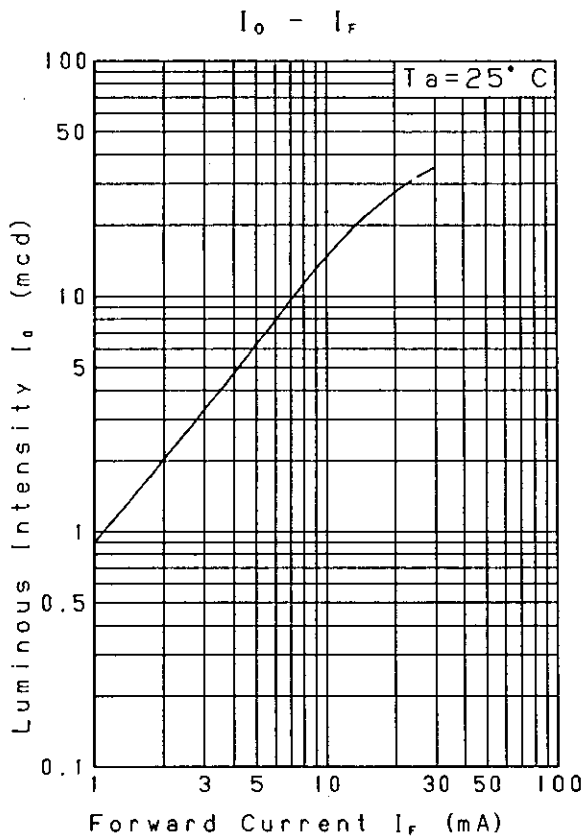
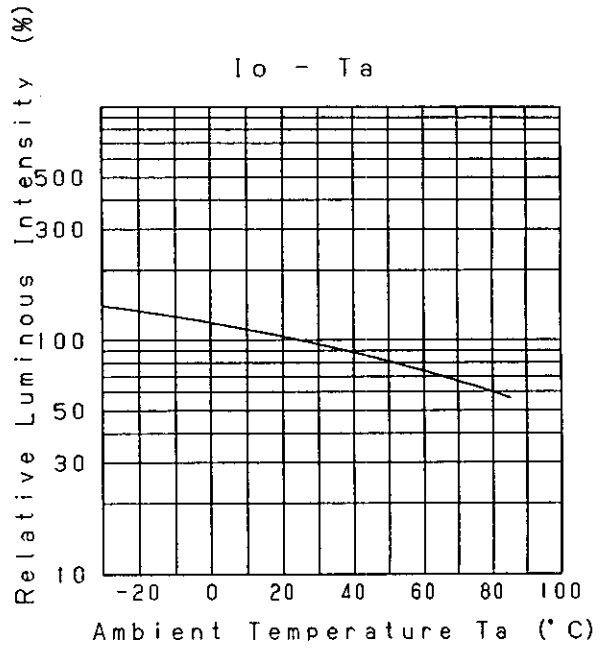
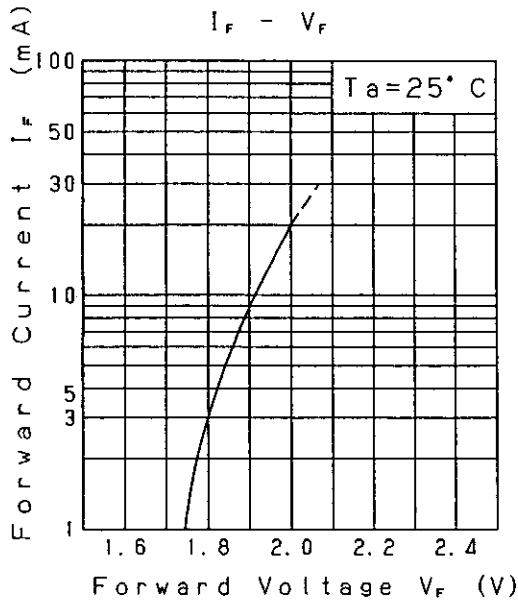


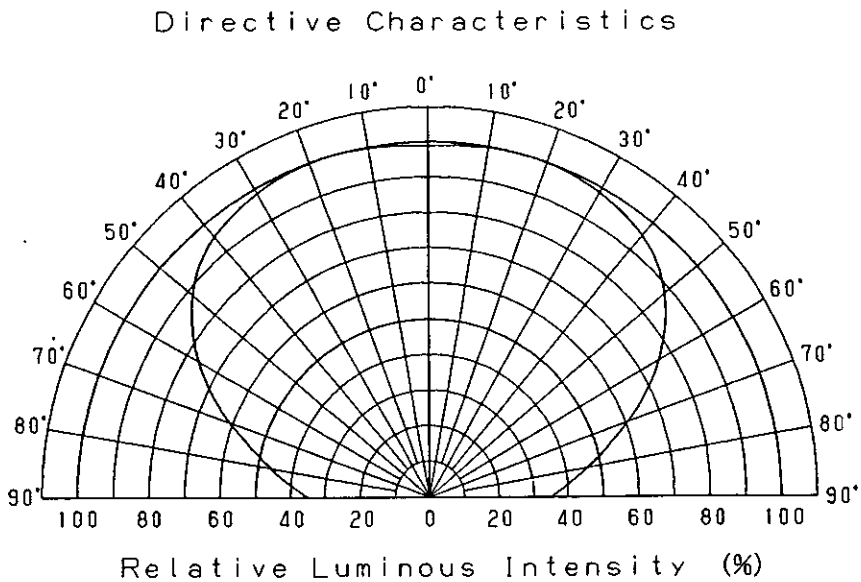
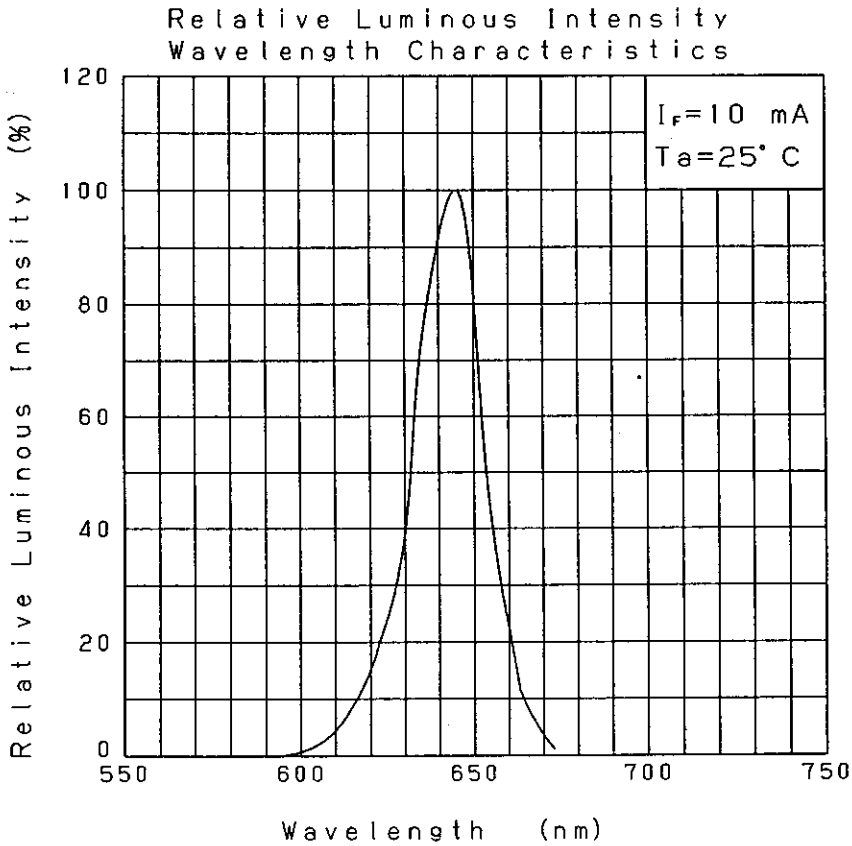
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
		T. Tabata	P/N: LN J 2 1 1 R 8 2 R A				TEMPORARY	
T Y P E			Red Light Emitting Diode					
A P P L I C A T I O N			Indicators					
M A T E R I A L			InGaAlP					
O U T L I N E			Attached					
A B S O L U T E M A X I M U M R A T I N G S			P	*1 I <sub>FP</sub>	I <sub>FDC</sub>	V <sub>R</sub>	Topr	Tstg
			55	60	20	4	-30~+85	-40~+100
			mW	mA	mA	V	°C	°C
C O N D I T I O N			T <sub>a</sub> = 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 <sub>F</sub>	I <sub>F</sub> = 10 mA	1.92		2.5	V		
Reverse Leakage Current	I <sub>R</sub>	V <sub>R</sub> = 4 V			100	μA		
Luminous Intensity *2	I <sub>o</sub>	I <sub>F</sub> = 10 mA DC	15	8		mcd		
Peak Emission Wavelength	λ <sub>p</sub>	I <sub>F</sub> = 10 mA DC	645			nm		
Spectral Line Half Width	Δλ	I <sub>F</sub> = 10 mA DC	22			nm		
<p>*1. The Condition of I<sub>FP</sub> 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 <sub>F</sub> characteristics of each LED.		
Oct. 20. 2001								

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Tabata		



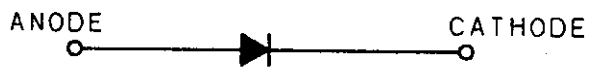
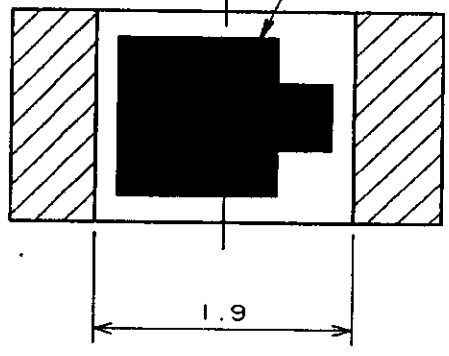
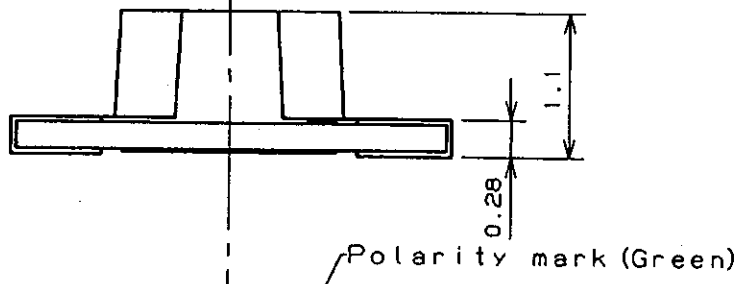
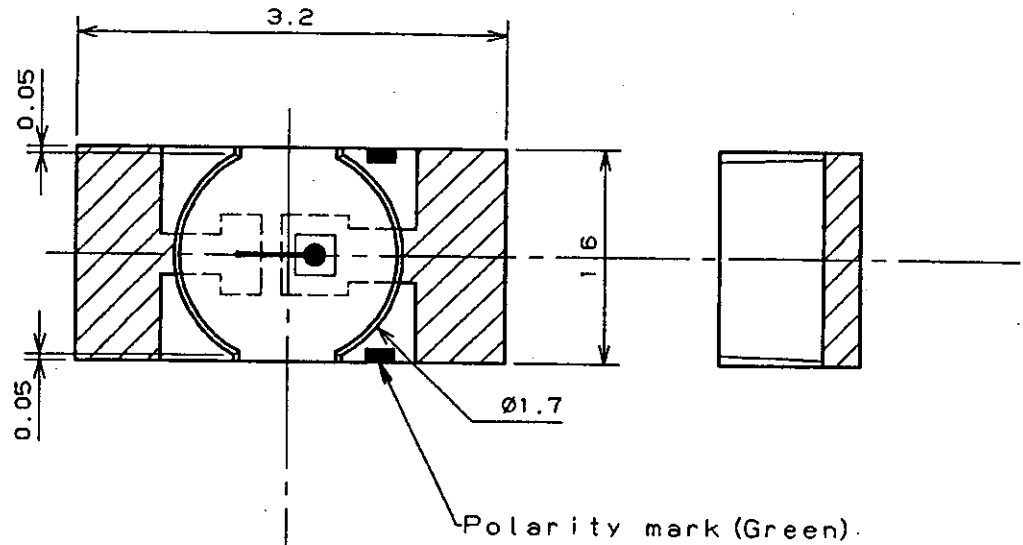
Oct.20.2001			
-------------	--	--	--

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Tabata		



Oct.20.2001			

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE)		
<i>H. Yama</i>	<i>T. Shiba</i>	<i>T. Tabata</i>		P/N: _____	



(NOTE)  
 1. Unit: mm  
 2. Tolerance unless specified is  $\pm 0.15$ .  
 3. indicate Au terminal.

Jan. 14, 1989			
---------------	--	--	--

单击下面可查看定价，库存，交付和生命周期等信息

[>>Panasonic\(松下\)](#)