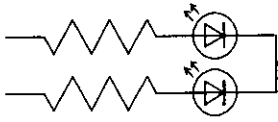
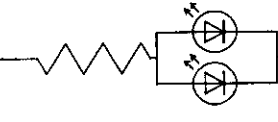
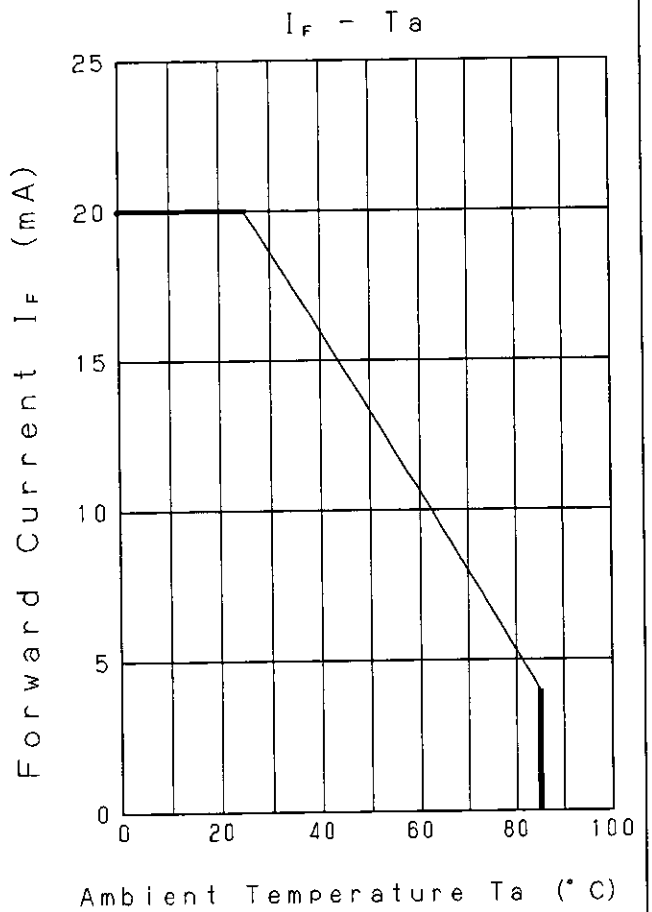
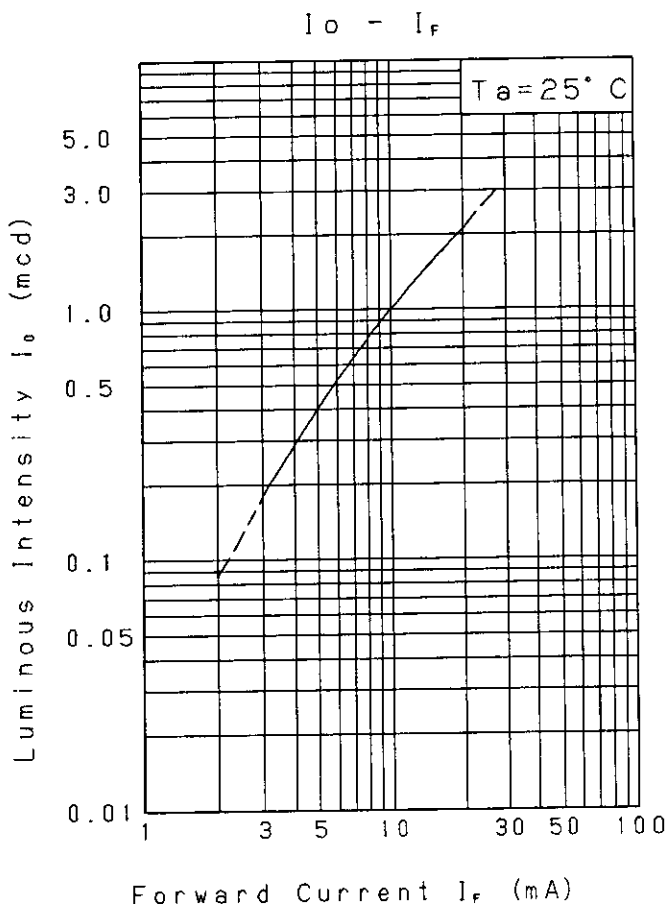
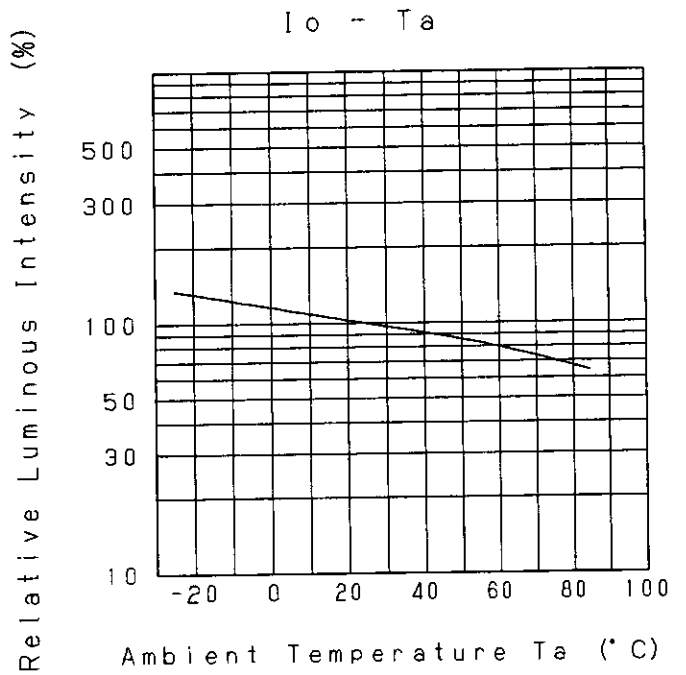
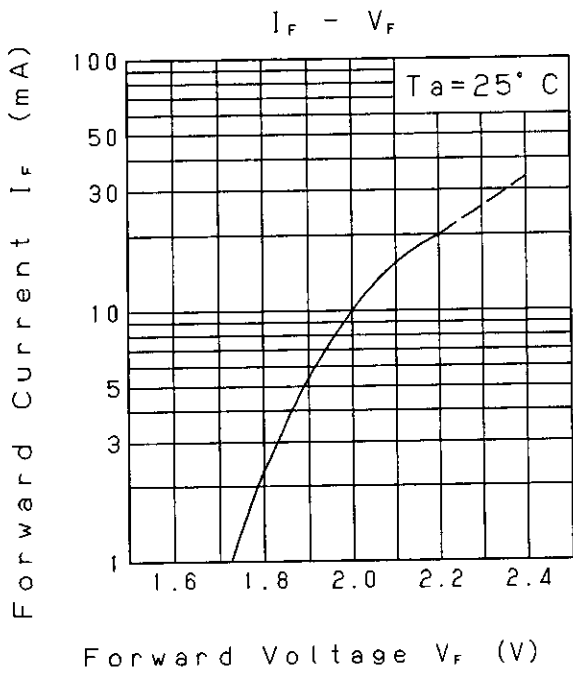


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION							
		<i>K. Ozawa</i>	Tentative							
			P/N: LN J 4 0 6 K 5 Y U X							
T Y P E		Amber Light Emitting Diode								
A P P L I C A T I O N		Indicators								
M A T E R I A L		GaAsP								
O U T L I N E		Attached								
A B S O L U T E M A X I M U M R A T I N G S		P	※ I <sub>FP</sub>	I <sub>FX</sub>	V <sub>R</sub>	Topr	Tstg			
		60	60	20	4	-25~+85	-30~+100			
		mW	mA	mA	V	°C	°C			
C O N D I T I O N		T <sub>a</sub> = 25 ± 3 °C								
T e s t   S p e c i f i c a t i o n										
I t e m	S y m b o l	C o n d i t i o n	T y p	L i m i t		U n i t				
				Min	Max					
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =10 mA	2.0		2.6	V				
Reverse Leakage Current	I <sub>R</sub>	V <sub>R</sub> = 4 V			10	μA				
Luminous Intensity	I <sub>O</sub>	I <sub>F</sub> =10 mA · DC	1.0	0.4		mcd				
Peak Emission Wavelength	λ <sub>p</sub>	I <sub>F</sub> =10 mA · DC	590			nm				
Spectral Line Half Width	Δλ	I <sub>F</sub> =10 mA · DC	30			nm				
<p>※ · The Condition of I<sub>FP</sub> is duty 10 %, Pulse width 1 ms</p> <p>· 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>NOTE</p> <ol style="list-style-type: none"> <li>1. Compositions of the lead ... Cu/Ni/Au plating</li> <li>2. Soldering conditions. Refer to Handling note.</li> <li>3. Care should be taken that soldering is done within 3-days after opening the dry package and reel.</li> <li>4. Package: Light yellow diffusion type.</li> <li>5. Circuit to operate LED.</li> </ol>										
							<p>(A) Recommended circuit.</p> <p>(B) The difference of brightness between the LED could be found due to the V<sub>F</sub> characteristics of each LED.</p>			
Oct. 27. 2001										

Approved	Checked	Designed
		<i>K. Osumi</i>

DEVELOPMENT SPECIFICATION

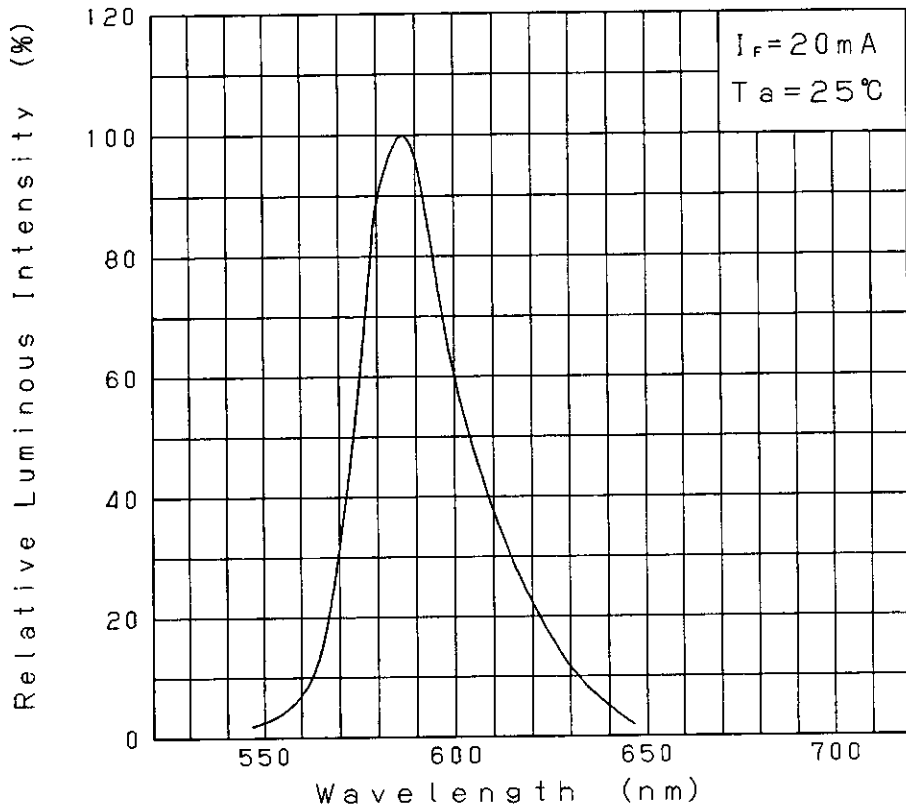
Tentative  
P/N:LNJ406K5YUX



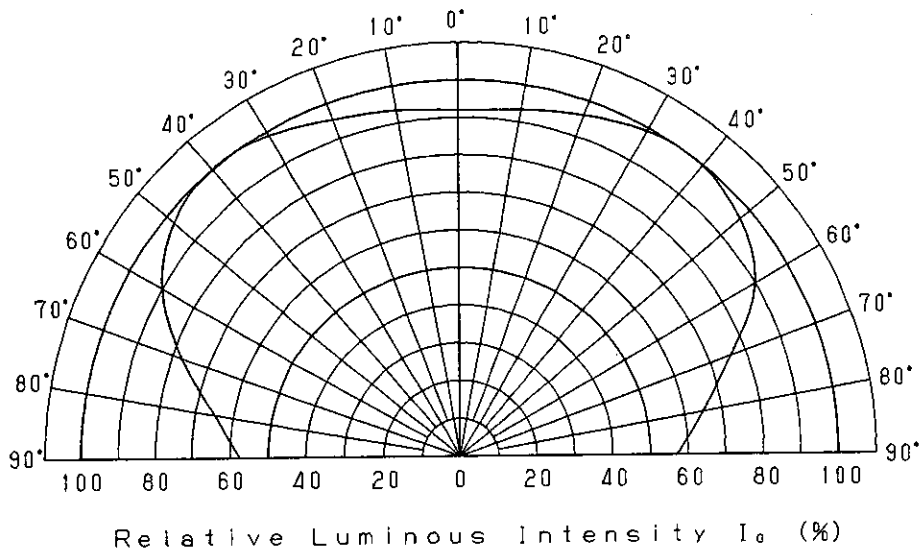
Oct. 27. 2001

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N:LNJ406K5YUX			
		<i>K. Ozawa</i>				

Relative Luminous Intensity  
Wavelength Characteristics

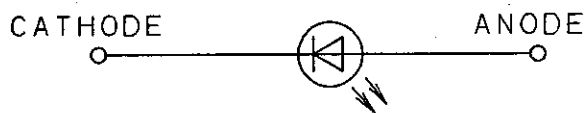
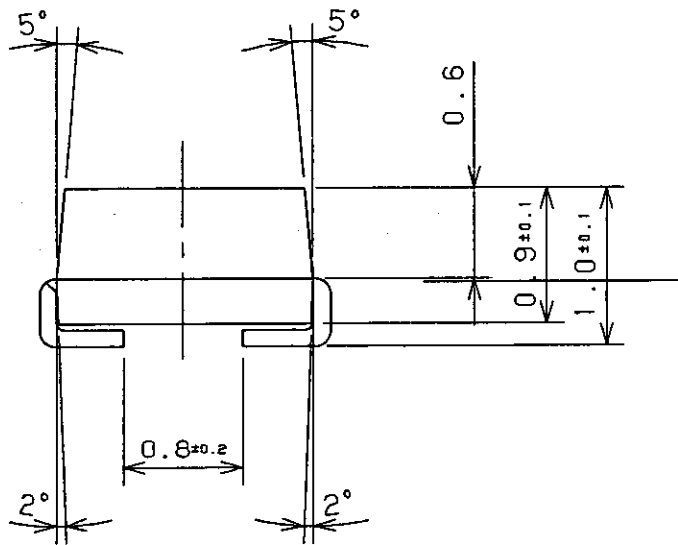
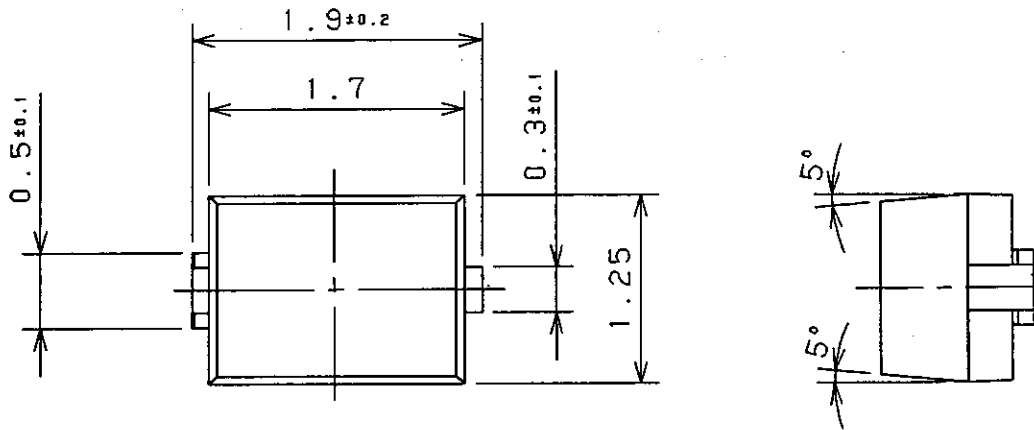


Directive Characteristics



Oct. 27. 2001			

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE)			
		<i>K. Okamoto</i>		P/N: _____		



(NOTE)

1. Unit: mm
2. Tolerance unless specified is  $\pm 0.2$ .
3. Measurement of the Package doesn't include gage projection.
4. Corner of the package is R 0.2max.
5. Projection's tolerance of the package is R 0.2max.

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