

Approved <i>Miyoshi</i>	Checked <i>K. Kishita</i>	Designed <i>A. Matsumoto</i>	DEVELOPMENT SPECIFICATION			19	4
			P N : LN1871SRTRP				

T Y P E	Oreng Light Emitting Diode					
APPLICATION	Indicators					
MATERIAL	GaAsP					
OUTLINE	Attached					
CONNECTION	Attached					
ABSOLUTE MAXIMUM RATINGS	P 30 mW	※IFP 50 mA	IFDC 10 mA	VR 3 V	Topr -30~+85 °C	Tstg -40~+100 °C
CONDITION	Ta=25±3 °C					

Test Specification						
Item	Symbol	Condition	Typ	Limit		Unit
				Min	Max	
Forward Voltage	VF	IF= 5 mA	1.8		2.4	V
Reverse Leakage Current	IR	VR= 3 V			10	μA
Luminous Intensity	IO	IF= 5 mA · DC	1.0	0.4		mcđ
Peak Emission Wavelength	λp	IF= 5 mA · DC	630			nm
Spectral Line Half Width	Δλ	IF= 5 mA · DC	40			nm

※ · The Condition of IFP is duty 10 % , Pulse width 1 ms
 · Please contact the Panasonic local office if you design
 at low current (below 0.5 mA DC) or pulse current operation
 and have any questions.

NOTE

- ★1 Soldering conditions.
Refer to Handling note.
- ★2 Care should be taken that soldering is done within 3-days after opening
the dry package and reel.
- ★3 Package:Light red diffusion type.

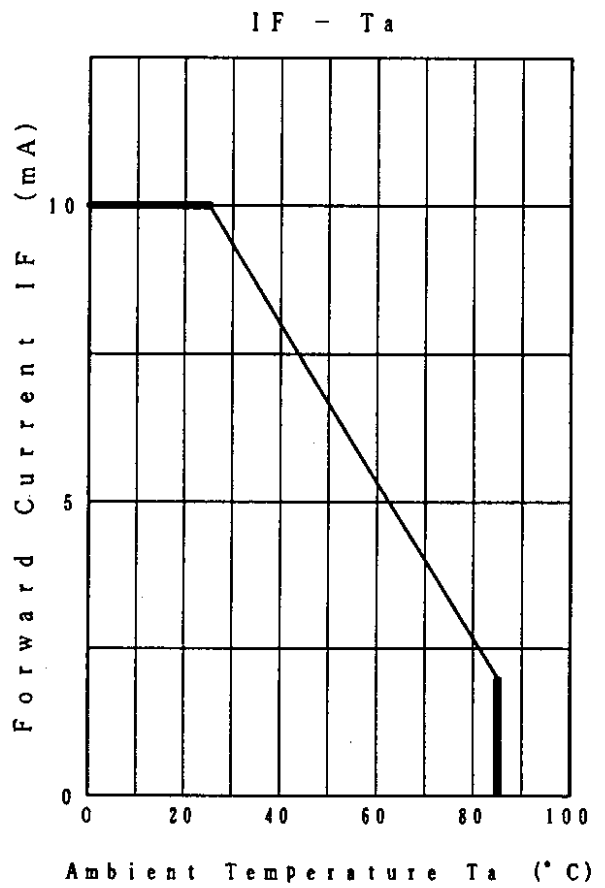
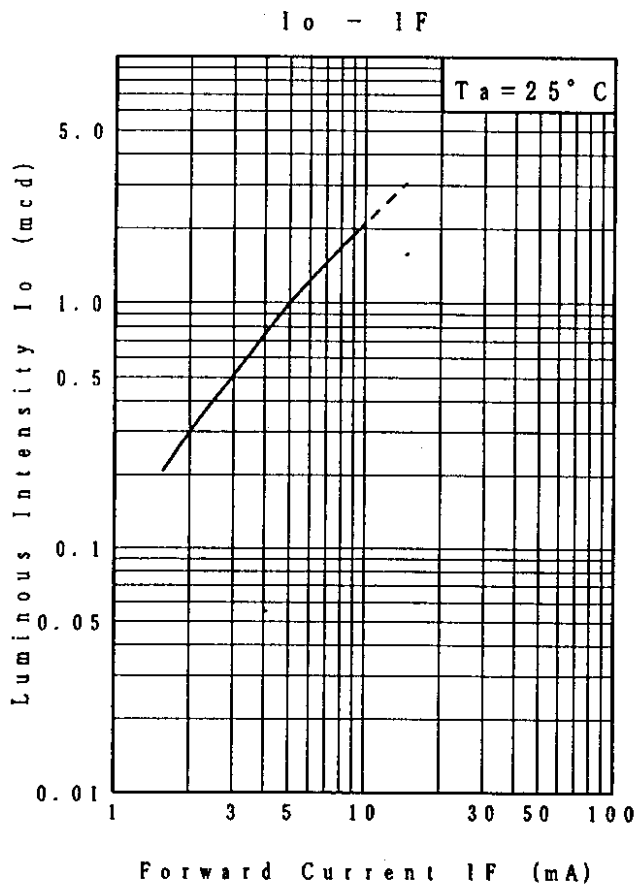
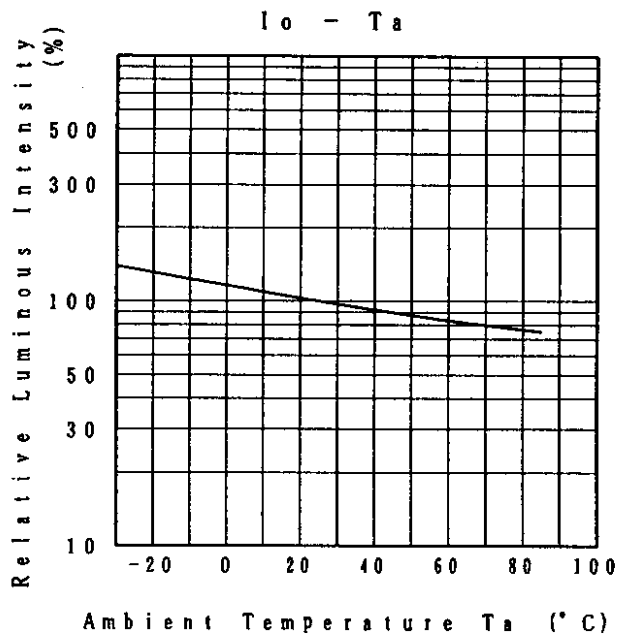
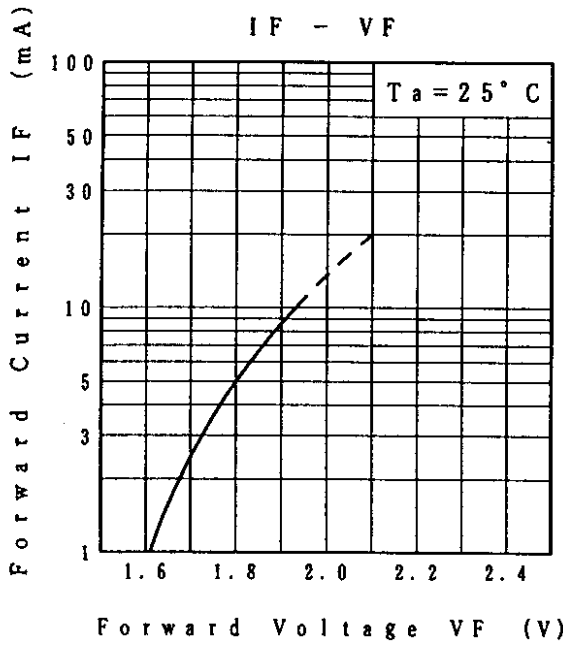
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Approved <i>[Signature]</i>	Checked <i>[Signature]</i>	Designed <i>[Signature]</i>
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Downloaded from Elcodis.com electronic components distributor

Approved <i>M. Yamashita</i>	Checked <i>A. Kimura</i>	Designed <i>A. Hoshino</i>
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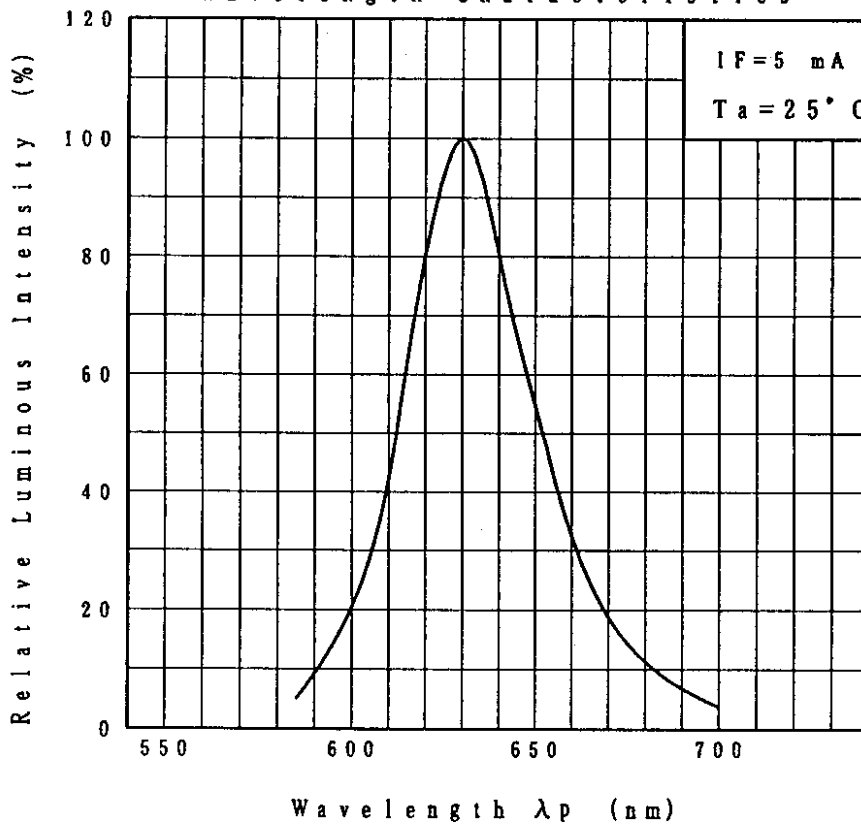
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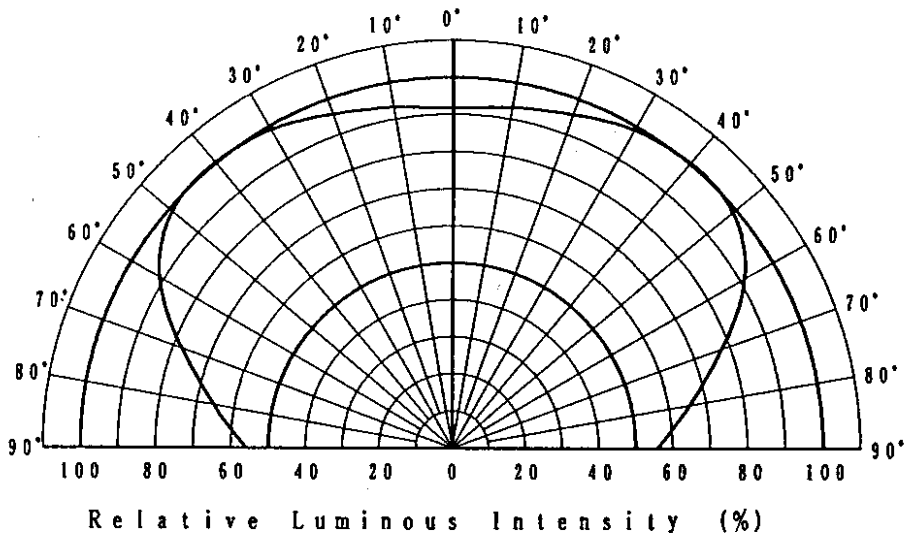
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Relative Luminous Intensity
Wavelength Characteristics



Directive Characteristics



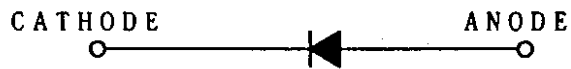
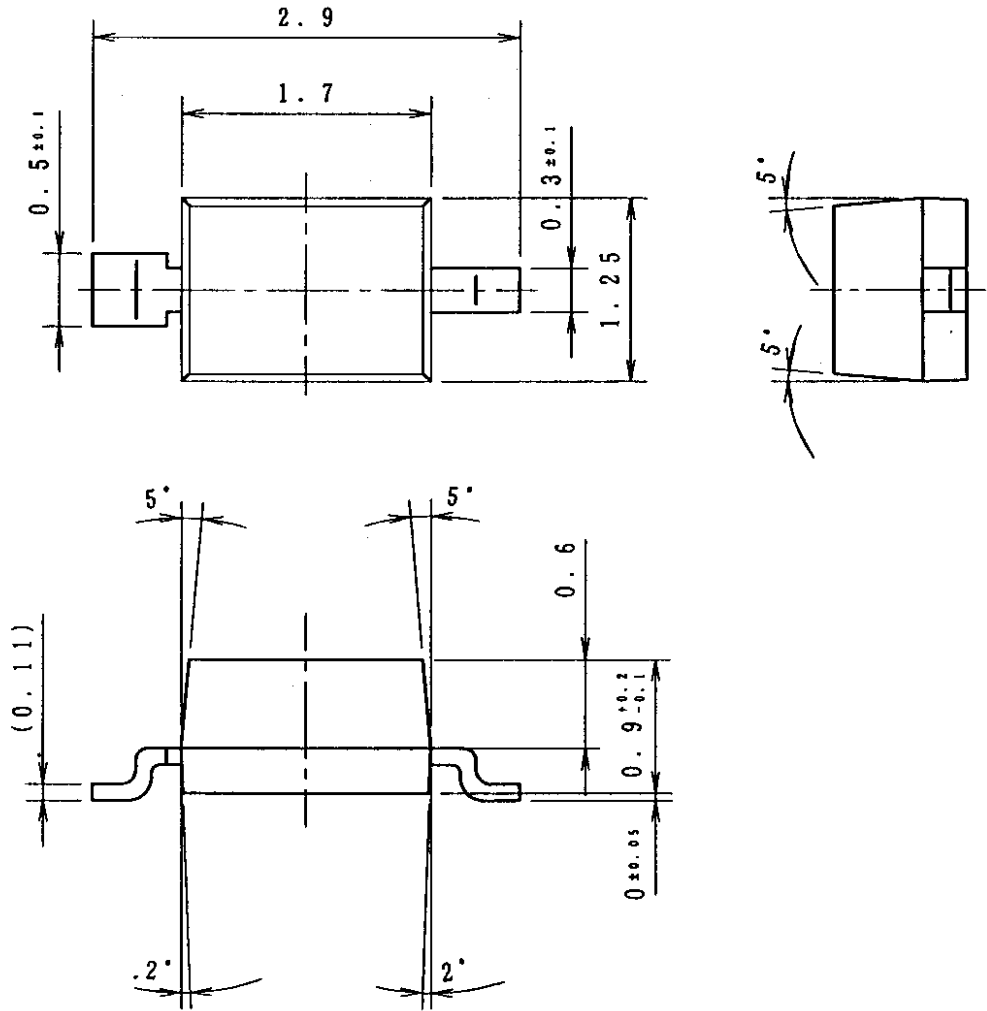
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Approved <i>N. Yamashita</i>	Checked <i>K. Kikita</i>	Designed <i>R. Takahashi</i>
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(NOTE)

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

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