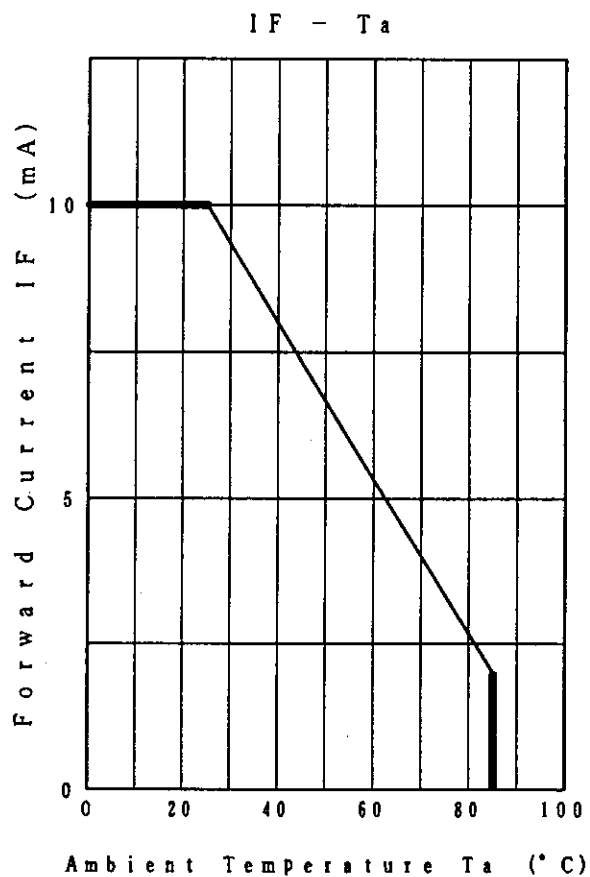
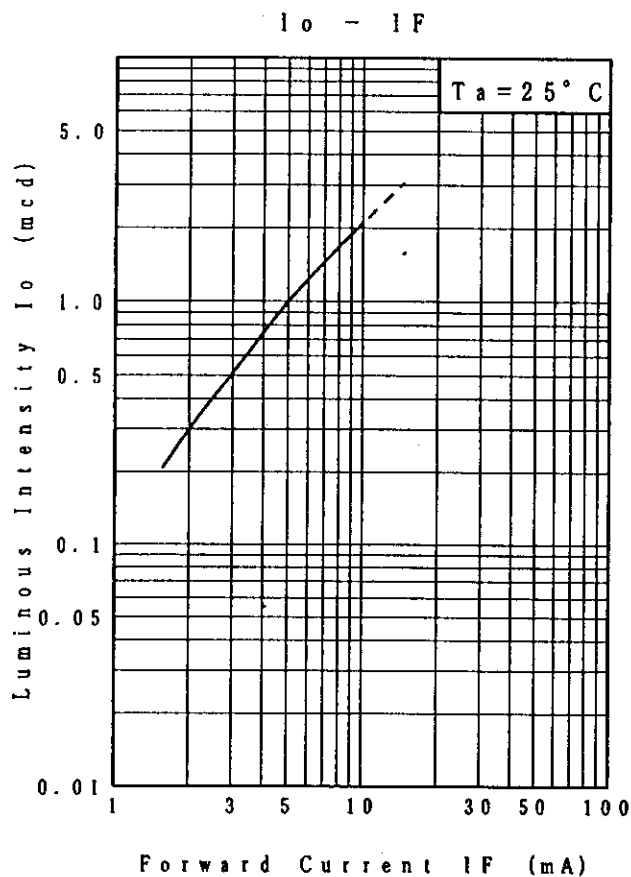
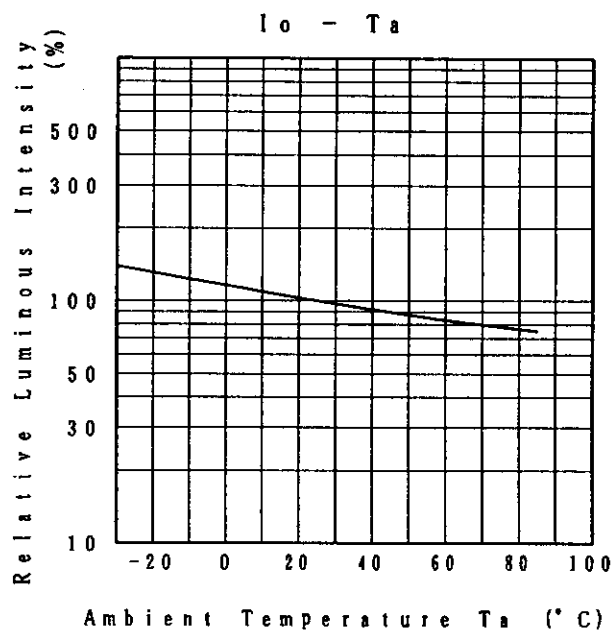
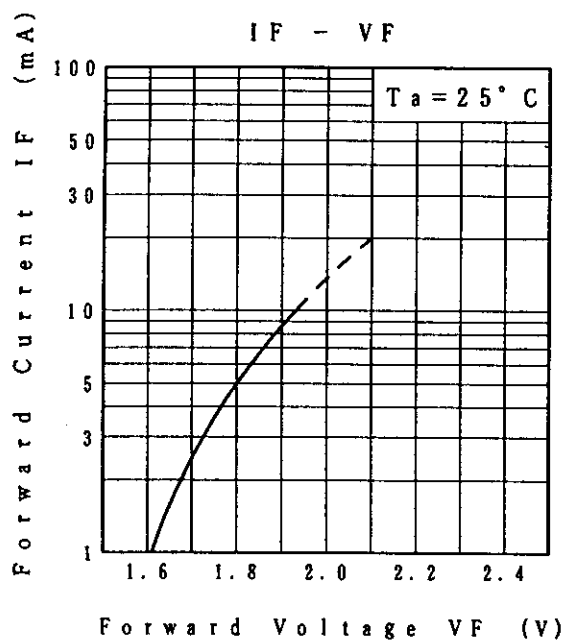


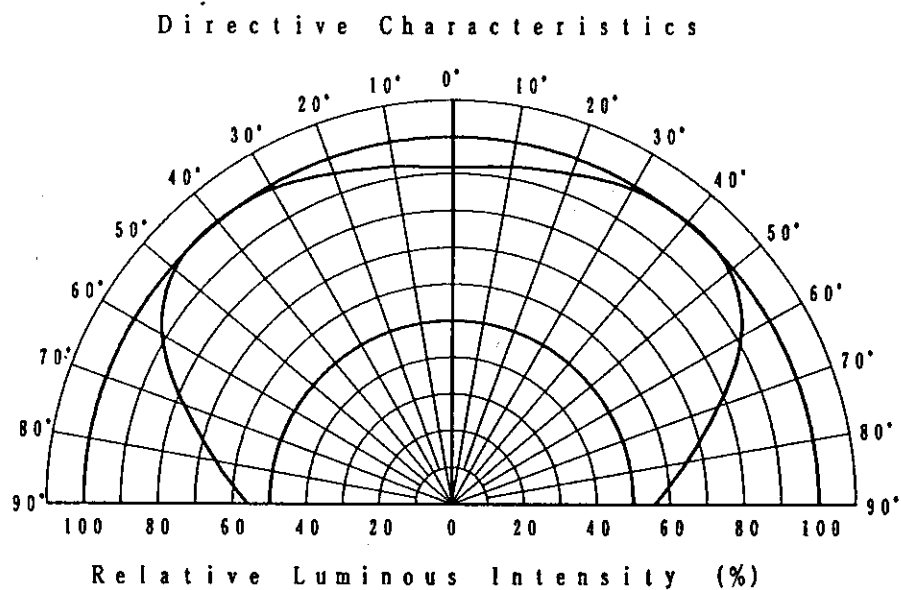
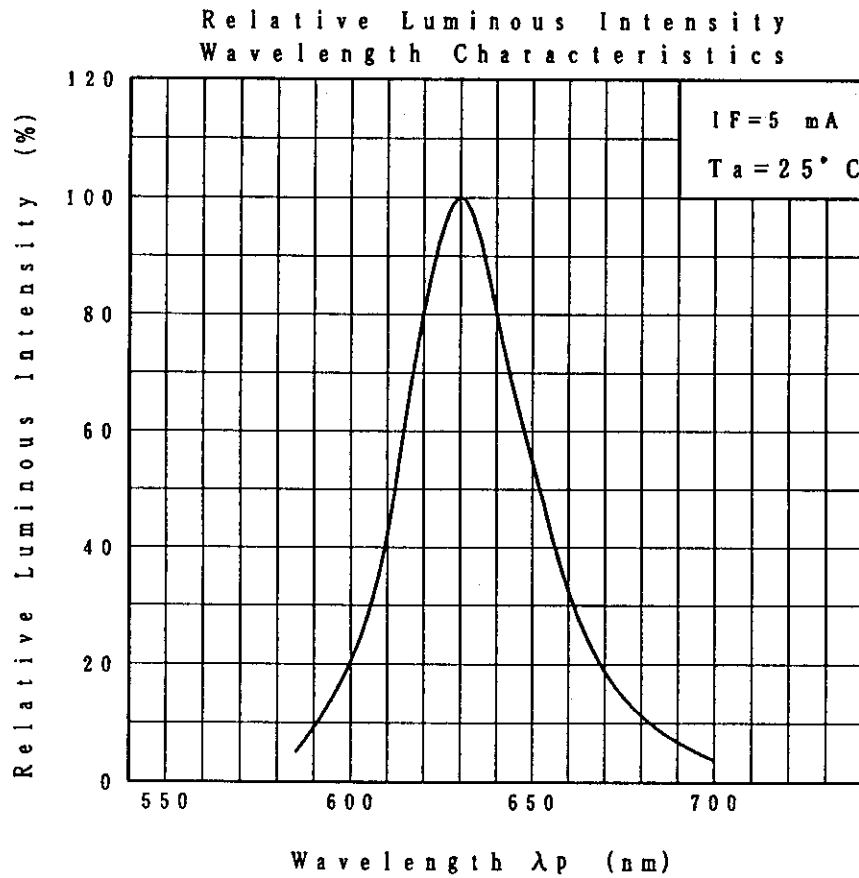
Approved <i>Y. Yamashita</i>	Checked <i>K. Kikuchi</i>	Designed <i>A. Nakamura</i>	DEVELOPMENT SPECIFICATION					
			P N: LN1871SRTRP				19	4
T Y P E			Orange Light Emitting Diode					
APPLICATION			Indicators					
M A T E R I A L			GaAsP					
O U T L I N E			Attached					
CONNECTION			Attached					
ABSOLUTE M A X I M U M R A T I N G S			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		md		
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.								
Mar. 9.1995								

Approved <i>[Signature]</i>	Checked <i>[Signature]</i>	Designed <i>[Signature]</i>	DEVELOPMENT SPECIFICATION			
			PN: LN1871SRTRP		19	5



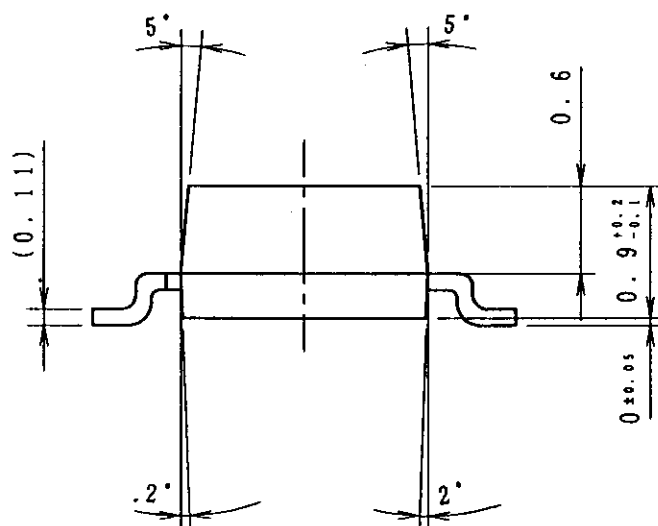
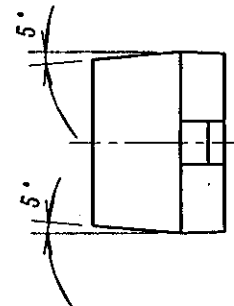
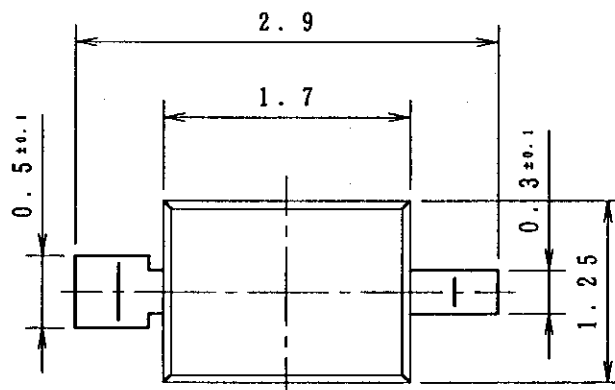
Mar. 9. 1995

Approved <i>M. Yamashita</i>	Checked <i>K. Kimoto</i>	Designed <i>A. Hatakeyama</i>	DEVELOPMENT SPECIFICATION					
PN: LN1871SRTRP			19	.	6			



Mar. 9. 1995			
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Approved	Checked	Designed	DEVELOPMENT SPECIFICATION			
<i>M. Yamashita</i>	<i>K. Kikita</i>	<i>S. Hatanaka</i>	PN: LN1871SRTRP			
				19		7



CATHODE ANODE

(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.

Mar. 9. 1995			