

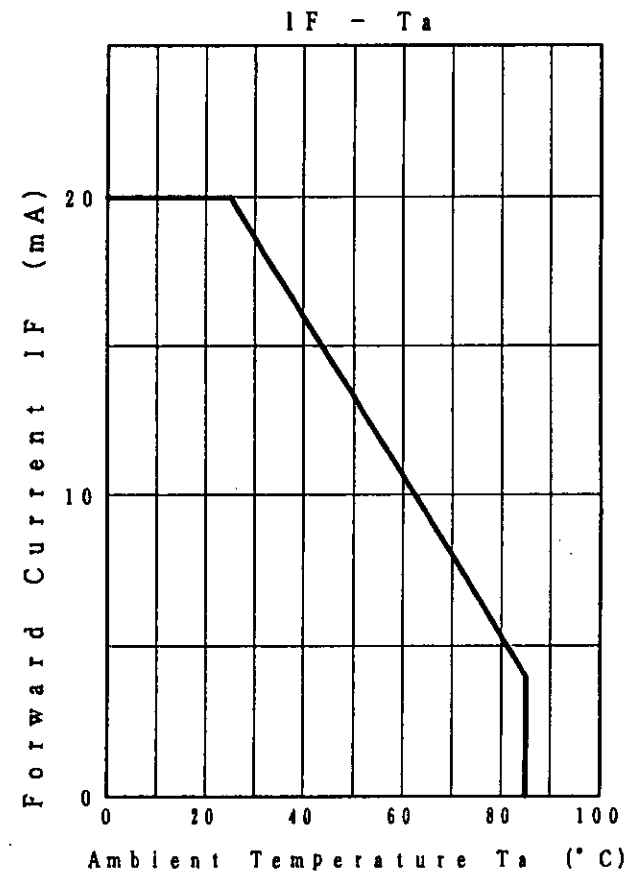
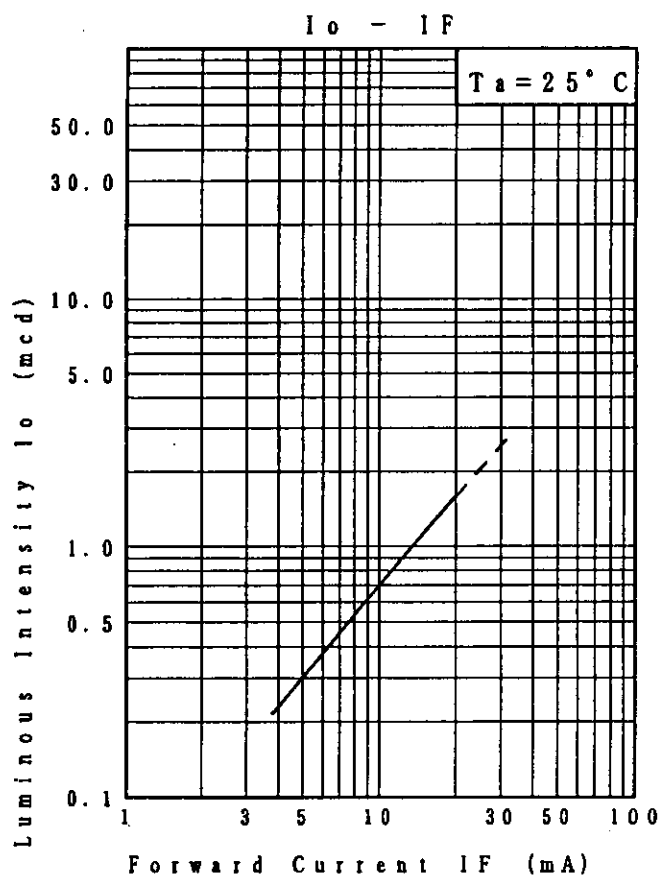
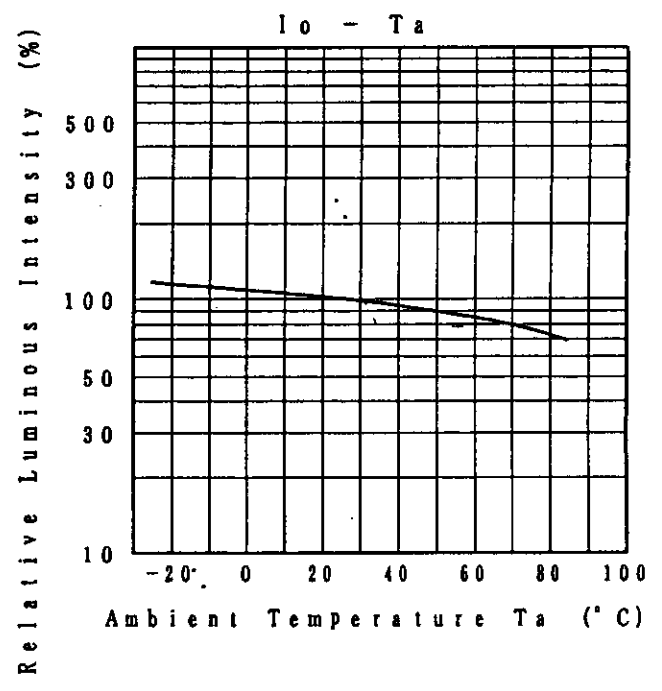
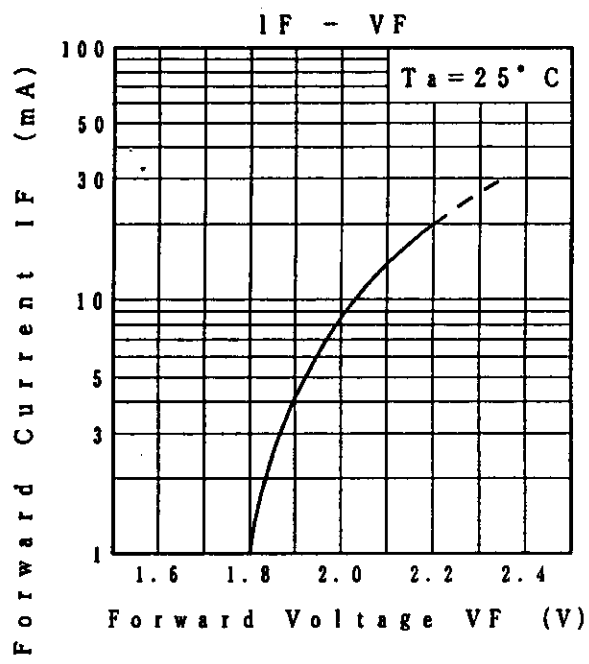
| Approved<br><i>M. Yamaguchi</i>   | Checked<br><i>T. Shikida</i> | Designed<br><i>K. Takahashi</i> | DEVELOPMENT SPECIFICATION |              |                      |                       | 17 | 4 |
|---|------------------------------|---------------------------------|---------------------------|--------------|----------------------|-----------------------|----|---|
|   |                              |                                 | P/N LNJ308G8PRA           |              |                      |                       |    |   |
| T Y P E   | Green Light Emitting Diode   |                                 |                           |              |                      |                       |    |   |
| APPLICATION   | Indicators                   |                                 |                           |              |                      |                       |    |   |
| MATERIAL  | GaP                          |                                 |                           |              |                      |                       |    |   |
| OUTLINE   | Attached                     |                                 |                           |              |                      |                       |    |   |
| ABSOLUTE<br>MAXIMUM<br>RATINGS  | P<br>50<br>mW                | ※IFP<br>100<br>mA               | IFDC<br>20<br>mA          | VR<br>4<br>V | Topr<br>-25~+85<br>℃ | Tstg<br>-40~+100<br>℃ |    |   |
| CONDITION   | Ta=25±3 ℃                    |                                 |                           |              |                      |                       |    |   |
| Test Specification  |                              |                                 |                           |              |                      |                       |    |   |
| Item  | Symbol                       | Condition                       | Typ                       | Limit        |                      | Unit                  |    |   |
|   |                              |                                 |                           | Min          | Max                  |                       |    |   |
| Forward Voltage   | V <sub>F</sub>               | IF= 10 mA                       | 2.03                      |              | 2.6                  | V                     |    |   |
| Reverse Leakage Current   | I <sub>R</sub>               | VR= 4 V                         |                           |              | 10                   | μA                    |    |   |
| Luminous Intensity  | I <sub>o</sub>               | IF= 10 mA·DC                    | 0.7                       | 0.25         |                      | md                    |    |   |
| Peak Emission Wavelength  | λ <sub>P</sub>               | IF= 10 mA·DC                    | 555                       |              |                      | nm                    |    |   |
| Spectral Line Half Width  | Δλ                           | IF= 10 mA·DC                    | 20                        |              |                      | nm                    |    |   |
| <p>※ The Condition of IFP is duty 10 % , Pulse width 1 ms<br/> Please contact the Panasonic local office if you design<br/> at low current (below 1 mA DC) or pulse current operation<br/> and have any questions.</p> <p>NOTE</p> <p>★1 Terminal:Plated with gold on copper base.</p> <p>★2 Package:Light green diffusion type.</p> <p>★3 Soldering conditions.<br/>Refer to Handling note.</p> <p>★4 Care should be taken that soldering is done within 3-days after<br/>opening the drypackage and reel.</p> |                              |                                 |                           |              |                      |                       |    |   |
| Aug. 26. 1998   |                              |                                 |                           |              |                      |                       |    |   |

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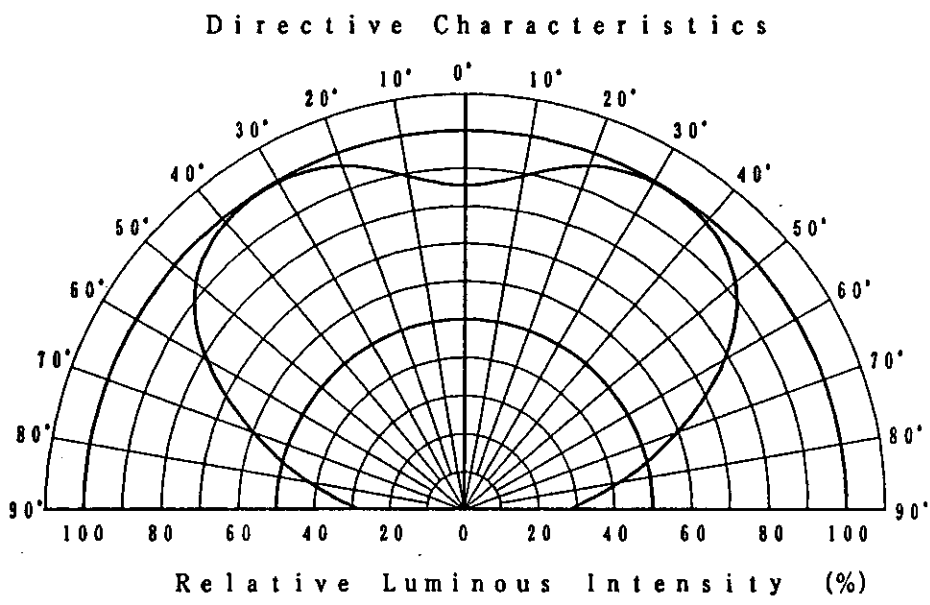
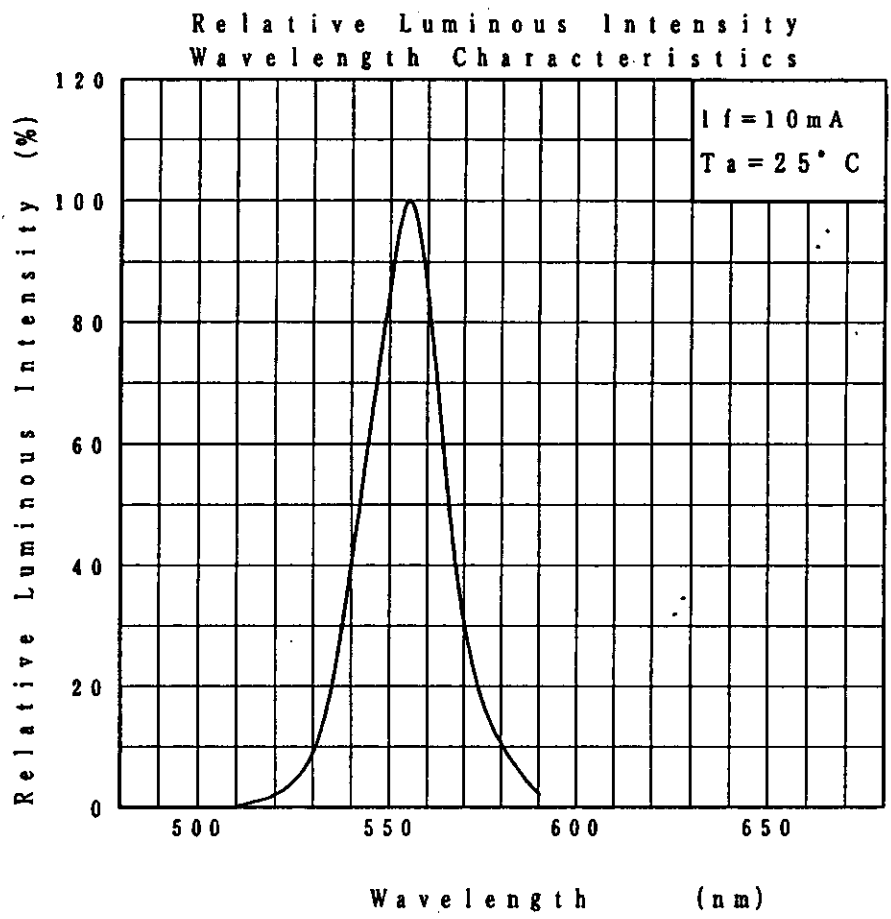
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|                                 |                            |                               |                           |  |    |  |   |
|---------------------------------|----------------------------|-------------------------------|---------------------------|--|----|--|---|
| Approved<br><i>M. Yamaguchi</i> | Checked<br><i>T. Okada</i> | Designed<br><i>K. Shibata</i> | DEVELOPMENT SPECIFICATION |  |    |  |   |
|                                 |                            |                               | P/N: LNJ308G8PRA          |  | 17 |  | 5 |



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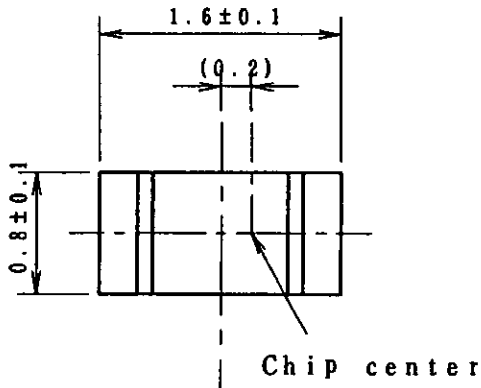
*A. Yamaguchi* | *T. Akeda* | *K. Sakurai*

# DEVELOPMENT SPECIFICATION

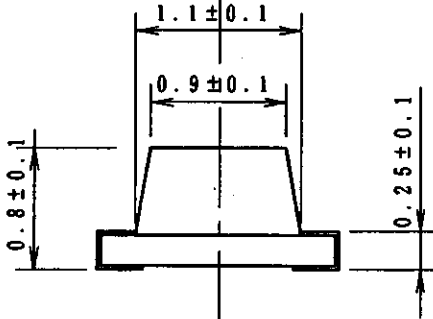
P/N: LNJ308G8PRA

17

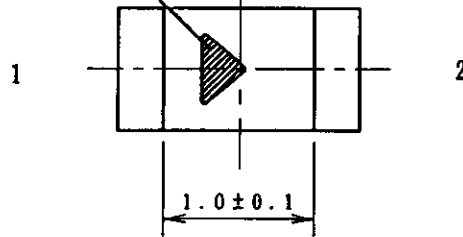
7



Chip center



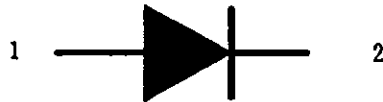
Polarity mark



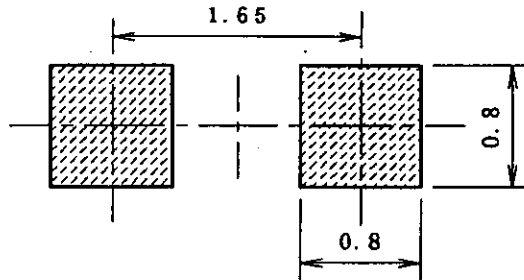
Polarity

1: Anode

2: Cathode



Recommended land layout



(NOTE)

1. Measurement of the package doesn't include electrode projection.
2. Unit: mm

Aug. 26. 1998

单击下面可查看定价，库存，交付和生命周期等信息

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