



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Surface Mounting Chip LED

GW Type

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN1261C - (TR) | LNJ261C3RRA | Red |
| LN1361C - (TR) | LNJ361C3GRA | Green |
| LN1461C - (TR) | LNJ461C3XRA | Amber |
| LN1861C - (TR) | LNJ861C3DRA | Orange |

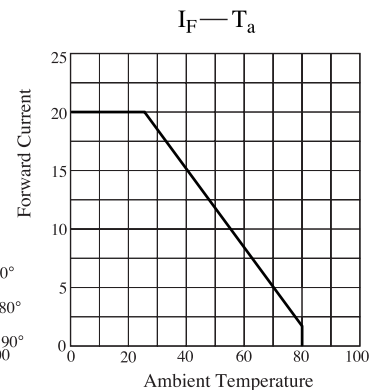
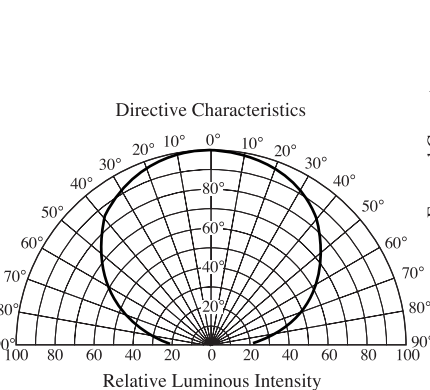
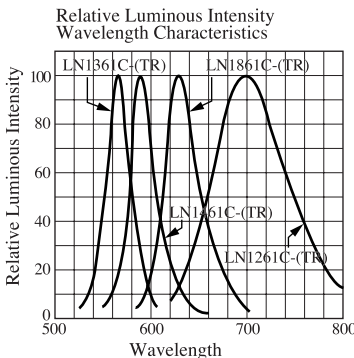
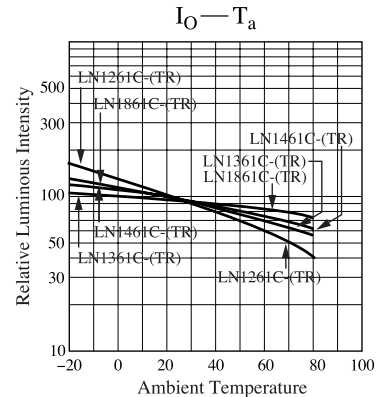
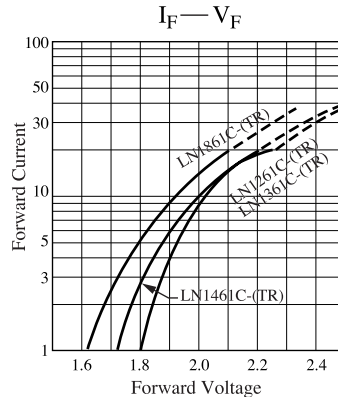
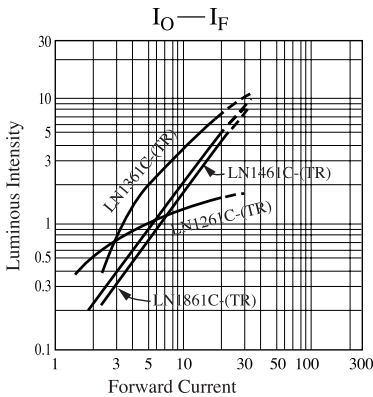
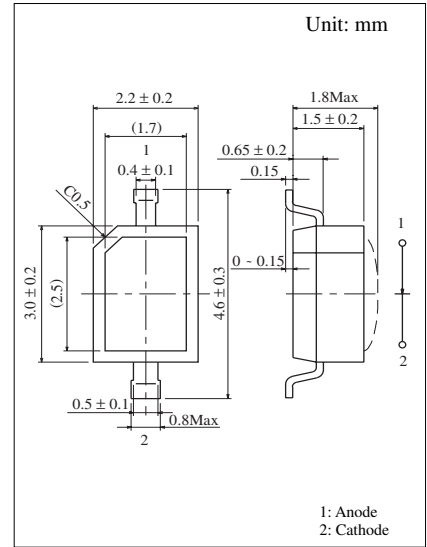
■ Absolute Maximum Ratings (T_a = 25°C)

| Lighting Color | P _D (mW) | I _F (mA) | I _{FP} (mA)* | V _R (V) | T _{opr} (°C) | T _{stg} (°C) |
|----------------|---------------------|---------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Red | 60 | 20 | 60 | 4 | -25 ~ +80 | -30 ~ +85 |
| Green | 60 | 20 | 60 | 4 | -25 ~ +80 | -30 ~ +85 |
| Amber | 60 | 20 | 60 | 4 | -25 ~ +80 | -30 ~ +85 |
| Orange | 60 | 20 | 60 | 3 | -25 ~ +80 | -30 ~ +85 |

Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

■ Electro-Optical Characteristics (T_a = 25°C)

| Conventional Part No. | Lighting Color | Lens Color | I _O | | I _F | V _F | | λ _p | Δλ | I _F | I _R | |
|-----------------------|----------------|------------|----------------|-----|----------------|----------------|-----|----------------|-----|----------------|----------------|----------------|
| | | | Typ | Min | | Typ | Max | | | | Max | V _R |
| LN1261C - (TR) | Red | Clear | 1.4 | 0.5 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN1361C - (TR) | Green | Clear | 7.5 | 2.8 | 20 | 2.2 | 2.8 | 565 | 30 | 20 | 10 | 4 |
| LN1461C - (TR) | Amber | Clear | 4.5 | 1.6 | 20 | 2.2 | 2.8 | 590 | 30 | 20 | 10 | 4 |
| LN1861C - (TR) | Orange | Clear | 5.0 | 1.9 | 20 | 2.1 | 2.8 | 630 | 40 | 20 | 10 | 3 |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V |



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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 - Any applications other than the standard applications intended.
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