



PARA LIGHT ELECTRONICS CO., LTD.
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DATA SHEET

PART NO. : LH341005B

REV : A / 0

CUSTOMER'S APPROVAL : _____

DCC : _____

DRAWING NO. : DS-60-13-0013

DATE : 2013-4-3

Page : 1

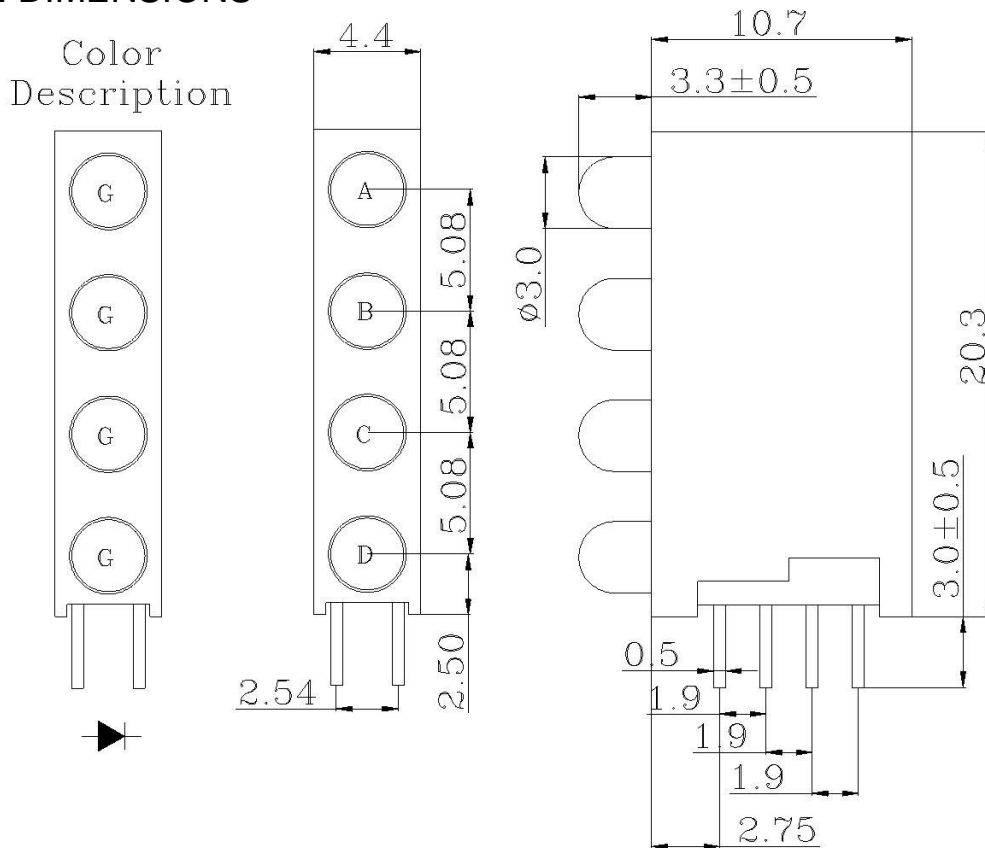


3.0mm LED LAMP WITH LED340A/B-V0 HOLDER

LH341005B

REV:A / 0

PACKAGE DIMENSIONS



Note:

- 1.All Dimensions are in millimeters.
- 2.Tolerance is $\pm 0.25\text{mm}$ (0.010 ")
Unless otherwise specified.
- 3.Protruded resin under flange
is 1.5mm(0.059 ") max.
- 4.Lead spacing is measured where
the leads emerge from the package.
- 5.Specification are subject to change
without notice
- 6.The lamps have sharp and hard points that
may injure human eyes or fingers etc., so
please pay enough care in the handling.
7. A=B=C=D=L3541GD-HTS-AH-29.5-28.5



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FEATURES

- * 3.0mm DIA LED LAMP
- * LOW POWER CONSUMPTION.
- * I.C. COMPATIBLE.
- * LONG LIFE SOLID STATE RELIABILITY.
- * PB FREE PRODUCTS(Compliant with EU's RoHS.)

CHIP MATERIALS

- * Dice Material :GaP/GaP
- * Light Color :Green
- * Lens Color :Green Diffused

| ABSOLUTE MAXIMUM RATING : (Ta = 25°C) | | | |
|---|---|---------------|-------|
| SYMBOL | PARAMETER | Green | UNIT |
| PAD | Power Dissipation | 78 | mW |
| VR | Reverse Voltage | 5 | V |
| IF | Average Forward Current(Duty=0.1,1KHZ) | 30 | mA |
| IPF | Peak Forward Current Per Chip (Duty=0.1,1KHz) | 120 | mA |
| — | Derating Linear From 25°C | 0.40 | mA/°C |
| Topr | Operating Temperature Range | -25°C to 85°C | |
| Tstg | Storage Temperature Range | -40°C to 85°C | |

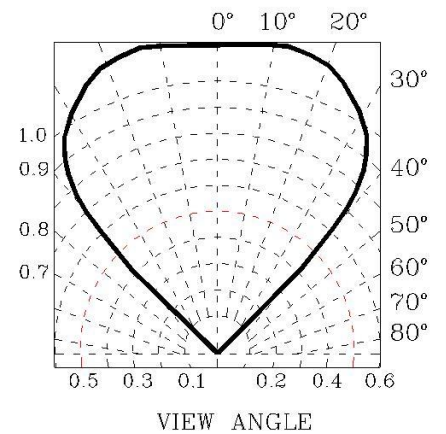
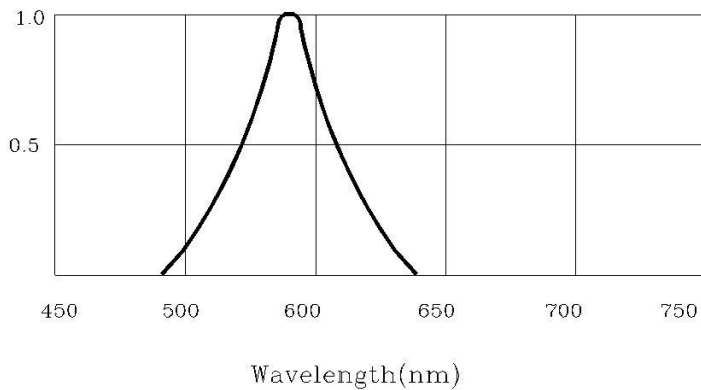
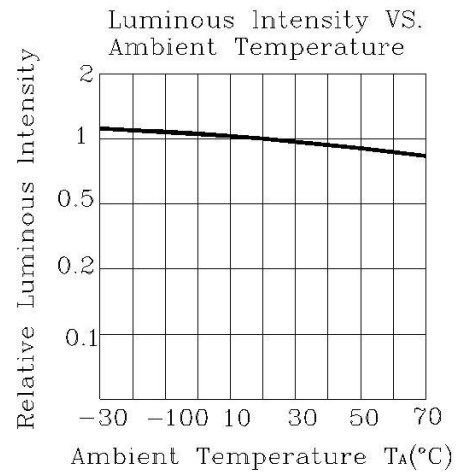
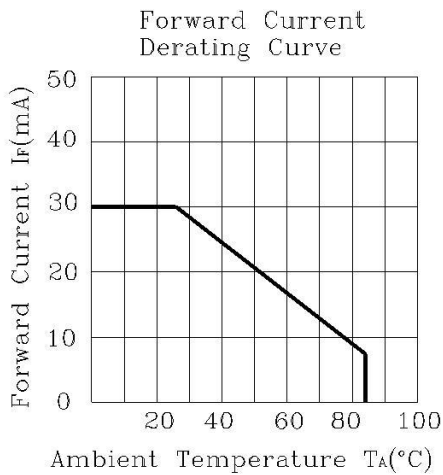
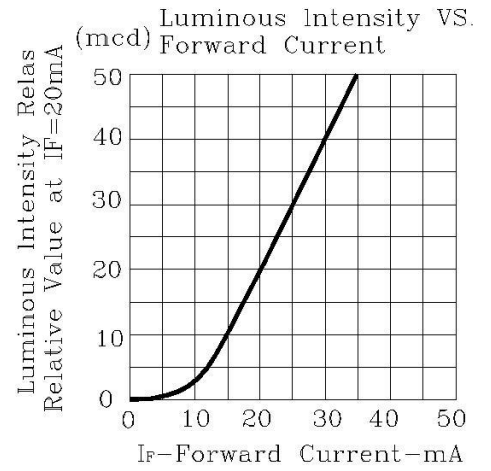
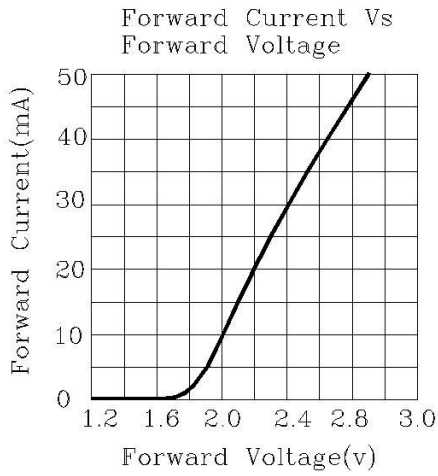
| ELECTRO-OPTICAL CHARACTERISTICS : (Ta = 25°C) | | | | | | |
|---|--------------------------|---------|------|------|------|------|
| SYMBOL | DESCRIPTION | TEST | MIN. | TYP. | MAX. | UNIT |
| Vf | Forward Voltage | IF=20mA | | 2.2 | 2.6 | V |
| IR | Reverse Current | VR=5V | | | 100 | µA |
| λD | Dominant Wavelength | IF=20mA | | 568 | | nm |
| Δλ | Spectral Line Half-Width | IF=20mA | | 40 | | nm |
| 2θ1/2 | Half Intensity Angle | IF=20mA | | 80 | | deg |
| Iv | Luminous Intensity | IF=20mA | | 20 | | mcd |



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Label Explanation

| | | | |
|---|-----|---|-----------|
|  | | 光鼎电子股份有限公司 PARA LIGHT ELECTRONICS CO.,LTD. | |
| PARA NO. : | | | |
| LOT NO. : | | | INSPECTED |
| BIN : | | | |
| Q' TY : | PCS | | |
| N. W : | g | | |

PARA NO. : Refer to p13

LOT NO. : E L L 4 7 0009

A B C D E F

A---E: For series number

B---L: Local F: Foreign

C---L: LAMP

D---Year

E---Month

F---SPEC.

N'W : Net Weight