LEDTECH ELECTRONICS CORP.

NANYA ROAD,MUGANG ZHAOQING
CITY GUANGDONG CHINA.
TEL:86-758-2875541,2870651,2877464,2876185,2877017
FAX:86-758-2878014
*Http://www.ledtech.com.tw*

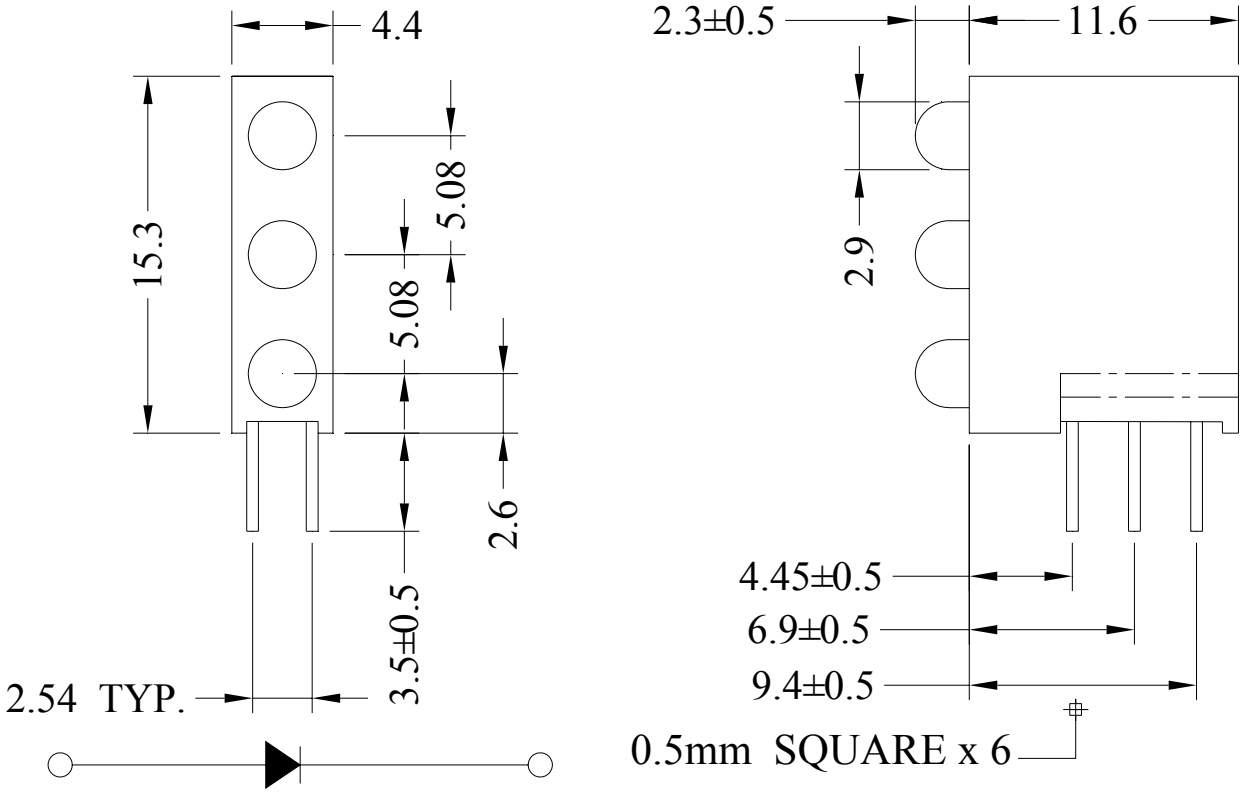
# SPECIFICATION

*PART NO. :* LT633G-H305-C17

2.9mm ROUND LED LAMP WITH HOLDER

| Approved by | Checked by | Prepared by |
|---|---|---|
| *Tung* | *Yang* | *LiJun* |

## Package Dimensions




Notes:

1. All dimensions are in millimeters.
2. Tolerance is ±0.25mm unless otherwise noted.
3. The color of holder: Black.
4. The material of holder: N66.

## Description

| Part No. | LED Chip | | Description |
|---|---|---|---|
| | Material | Emitting Color | |
| LT633G-H305-C17 | GaP/GaP | Green | Green Diffused |

## Absolute Maximum Ratings at Ta=25 ℃

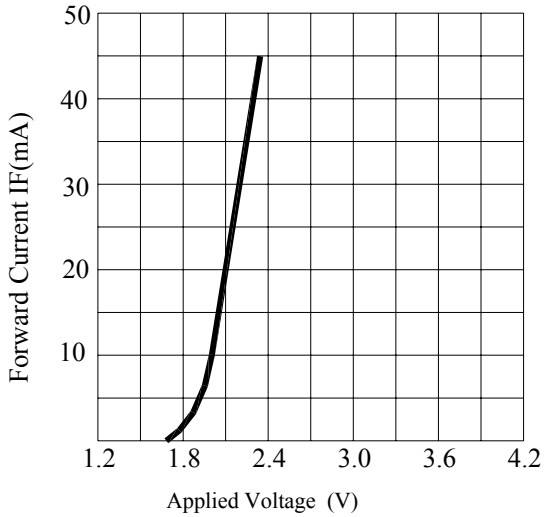
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Power Dissipation per lamp | PD | 78 | mW |
| Reverse Voltage per lamp | VR | 5 | V |
| D.C. Forward Current per lamp | If | 30 | mA |
| Peak Current per lamp (1/10Duty duty,0.1ms Pulse Width.) | If(Peak) | 100 | mA |
| Operating Temperature Range | Topr. | -25 to +85 | ℃ |
| Storage Temperature Range | Tstg. | -40 to +100 | ℃ |
| Soldering Temperature(1.6mm from body) | Tsol | Dip Soldering: 260℃ for 5sec.<br>Hand Soldering: 350℃ for 3 sec. | |

## Electrical and Optical Characteristics:

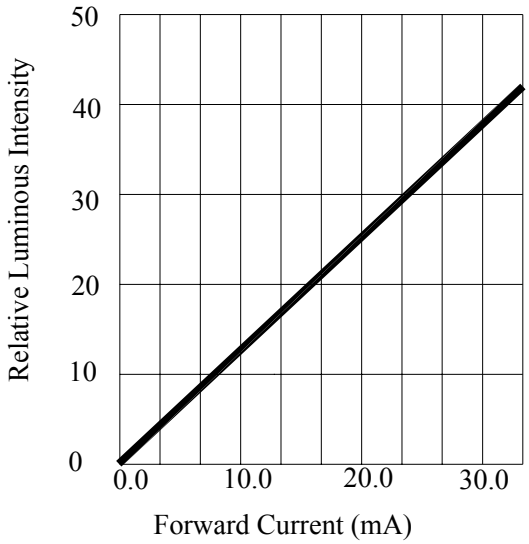
| Parameter | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| Luminous Intensity per lamp | Iv | If=20mA | 11 | 25 | | mcd |
| Forward Voltage per lamp | Vf | If=20mA | | 2.1 | 2.6 | V |
| Peak Wavelength per lamp | λp | If=20mA | | 567 | | nm |
| Dominant Wavelength per lamp | λd | If=20mA | | 572 | | nm |
| Reverse Current per lamp | Ir | Vr=5V | | | 100 | μA |
| Viewing Angle per lamp | 2 θ 1/2 | If=20mA | | 55 | | deg |
| Spectrum Line Halfwidth per lamp | Δλ | If=20mA | | 30 | | nm |

Note:The datas come from the SPEC. of LT6321-49-A64

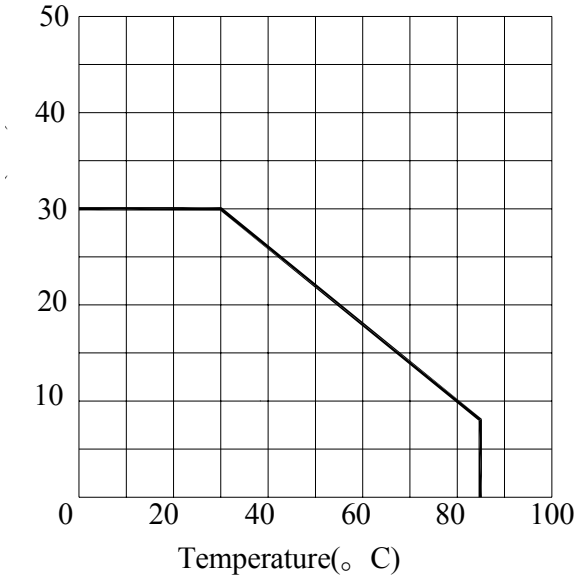
## Typical Electrical / Optical Characteristics Curves :




**FORWARD CURRENT VS.APPLIED VOLTAGE**




**FORWARD CURRENT VS. LUMINOUS INTENSITY**




**FORWARD CURRENT VS. AMBIENT TEMPERATURE**