



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*

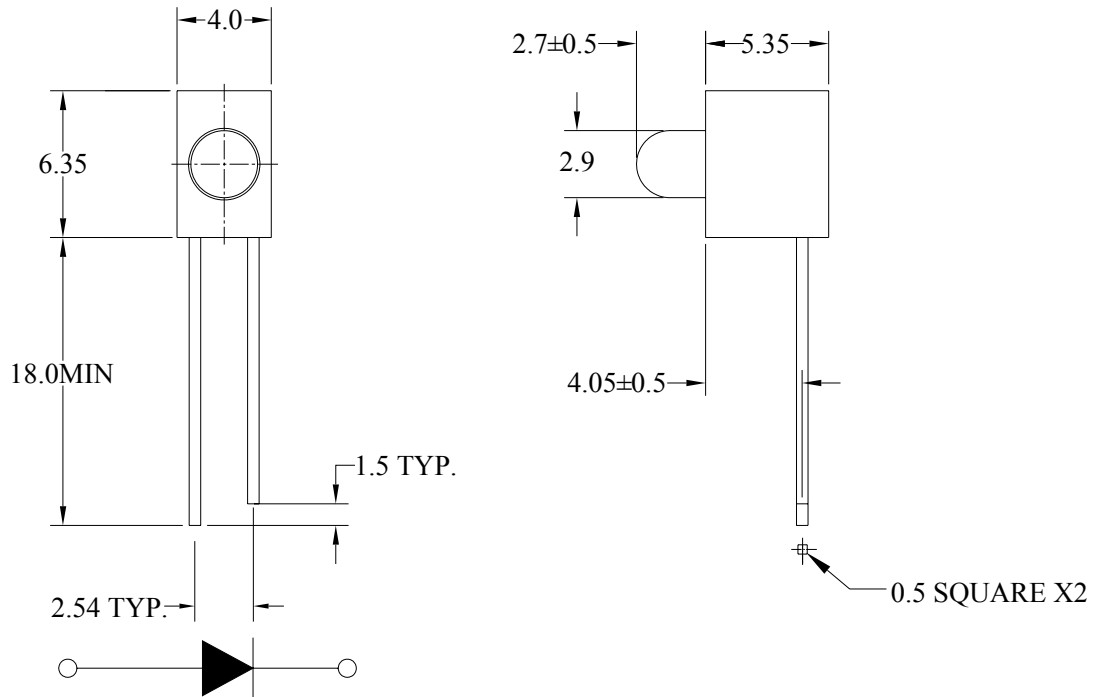
# SPECIFICATION

*PART NO. : LT631G-H103*

**2.9mm ROUND LED LAMP WITH HOLDER**



Approved by	Checked by	Prepared by
<i>Tung</i>	<i>Yang</i>	<i>Wen Tang</i>

**Package Dimensions**

**Notes:**

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise noted.
3. The color of holder: Black.
4. The material of holder: N66+V2.

**Description**

Part No.	LED Chip		Description
	Material	Emitting Color	
LT631G-H103	GaP/GaP	Green	Green Diffused

**LT631G-H103**2.9mm ROUND LED  
LAMP WITH HOLDER**Absolute Maximum Ratings at Ta=25**

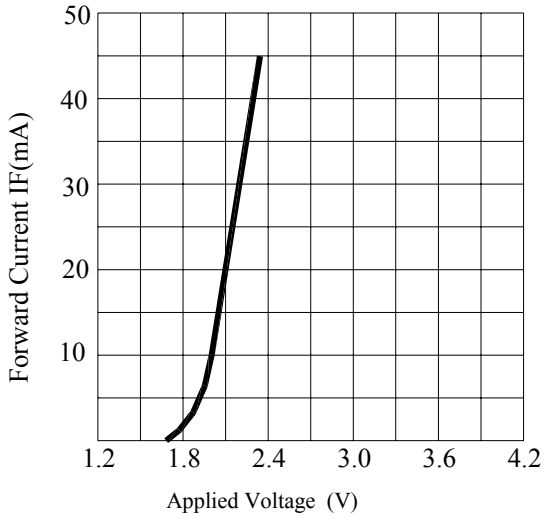
Parameter	Symbol	Rating	Unit
Power Dissipation	PD	78	mW
Reverse Voltage	VR	5	V
D.C. Forward Current	If	30	mA
Peak Current(1/10Duty duty,0.1ms Pulse Width.)	If(Peak)	100	mA
Operating Temperature Range	Topr.	-25 to +85	
Storage Temperature Range	Tstg.	-40 to +100	
Soldering Temperature(1.6mm from body)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

**Electrical and Optical Characteristics:**

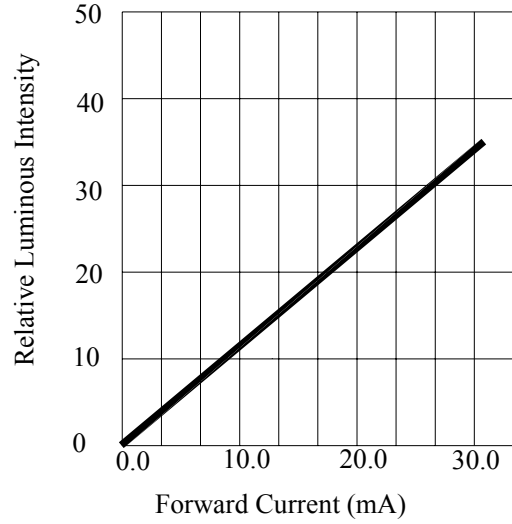
Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	Iv	If=20mA	11.0	25.0		mcd
Forward Voltage	Vf	If=20mA		2.1	2.6	V
Peak Wavelength	$\lambda_p$	If=20mA		567		nm
Dominant Wavelength	$\lambda_d$	If=20mA		572		nm
Reverse Current	Ir	Vr=5V			100	$\mu$ A
Viewing Angle	2 1/2	If=20mA		55		deg
Spectrum Line Halfwidth	$\Delta\lambda$	If=20mA		30		nm

Note:The datas come from the SPEC. of LT6321-41

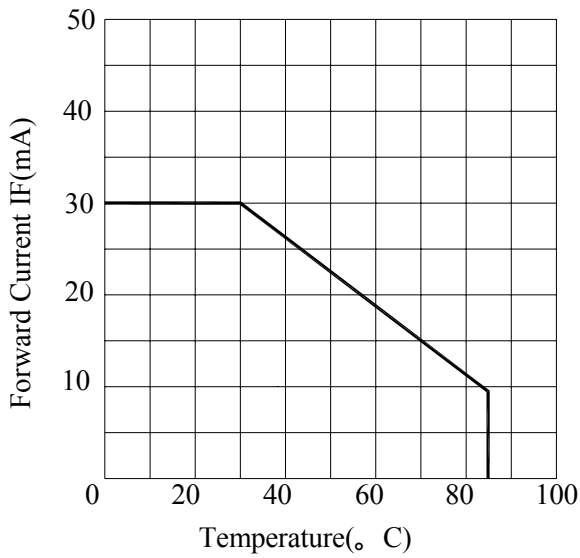
**Typical Electrical / Optical Characteristics Curves :**



**FORWARD CURRENT VS. APPLIED VOLTAGE**



**FORWARD CURRENT VS. LUMINOUS INTENSITY**



**FORWARD CURRENT VS. AMBIENT TEMPERATURE**

