



承 认 书

Specification for approval

客户名称:

CUSTOMER NAME: _____

经办者:

职称:

DIRECTOR: _____ TITLE: _____

客户料号:

CUSTOMER PART NO.: _____

品名:

版本:

PART NUMBER: LS-0602-00URC REVISION: 新

发件日期:

回文日期:

ISSUE DATE: 2013/03/08 RETURN DATE: / /

一、谨致执事者：兹提供敝公司产品之有关详细规格及图面数据，
敬请给予办理测试认定手续。

同时敬请送返一份附有贵公司签认之测试认定后之样品认定书。

We are please in sending you herewith our specification and drawings for your approval.

Please return to us one copy "For Approval" with your approved signatures.

二、附件:

ACCESSORY: ☐样品 ☐出货检验记录表 ☐封装尺寸图 ☐电气特性曲线

☐内部线路图 ☐焊性建议 ☐PAD 建议 ☐包装方式

三、客户意见栏 CUSTOMER'S PROPOSAL

☐ AGREE 同意 (请于认可栏中签名)

☐ DISAGREE 不同意

REASON 原因: _____

客户认可签章:

CUSTOMER SIGNATURE: _____

SMD CHIP LED LAMP

PRELIMINARY SPEC



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

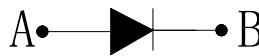
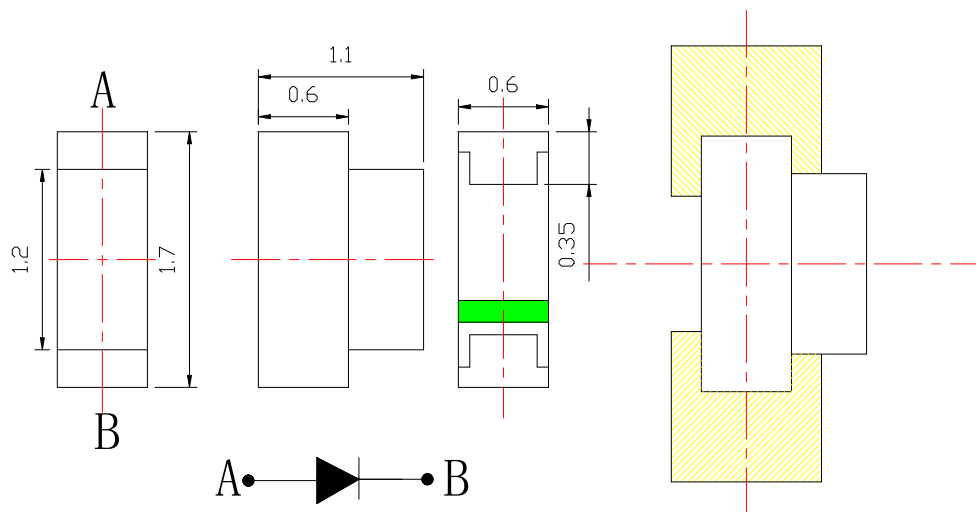
Features

- _ 1.7mmX0.6mm SMT LED, 1.1mm THICKNESS.
- _ LOW POWER CONSUMPTION.
- _ WIDE VIEWING ANGLE.
- _ IDEAL FOR BACKLIGHT AND INDICATOR.
- _ VARIOUS COLORS AND LENS TYPES AVAILABLE.
- _ PACKAGE: 4000 PCS / REEL.
- _ RoHS COMPLIANT

Package Dimensions

Description

The Hyper Red source color devices are made with DH InGaAlP on GaAs substrate Light Emitting Diode



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is ± 0.1 (0.004") unless otherwise noted.
3. Specifications are subject to change without notice.

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 20mA		Viewing Angle
			Min.	Typ.	2 θ 1/2
LS-0602-00URC	RED	WATER CLEAR	70	150	90

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	RED	620	625	nm	IF=20mA
λD	Dominant Wavelength	RED			nm	IF=20mA
Δλ1/2	Spectral Line Half-width	RED	25		nm	IF=20mA
C	Capacitance	RED	105		pF	VF=0V;f=1MHz
VF	Forward Voltage	RED	1.9	2.2	V	IF=20mA
IR	Reverse Current	RED		2	uA	VR = 7V

Remarks:

If special sorting is required (e.g. binning based on forward voltage, luminous intensity, or wavelength), the typical accuracy of the sorting process is as follows:

1. Wavelength: +/-1nm
2. Luminous Intensity: +/-15%
3. Forward Voltage: +/-0.1V

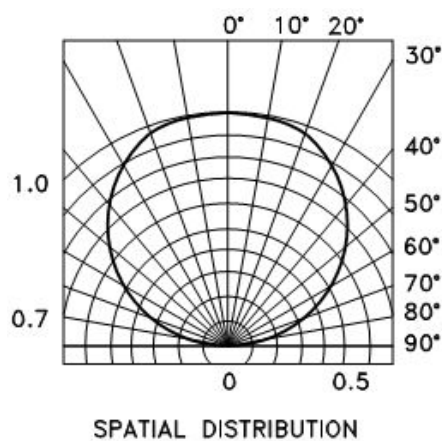
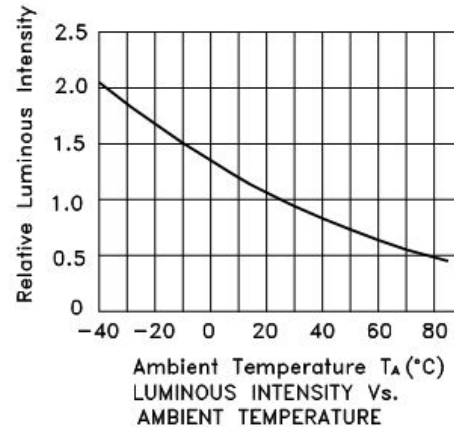
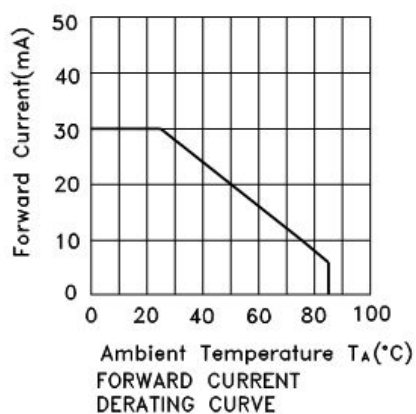
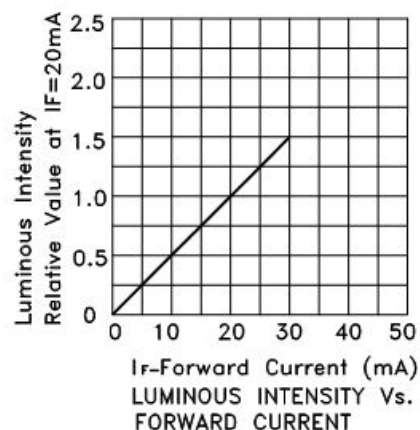
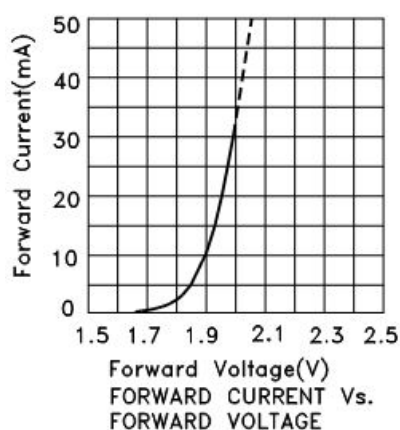
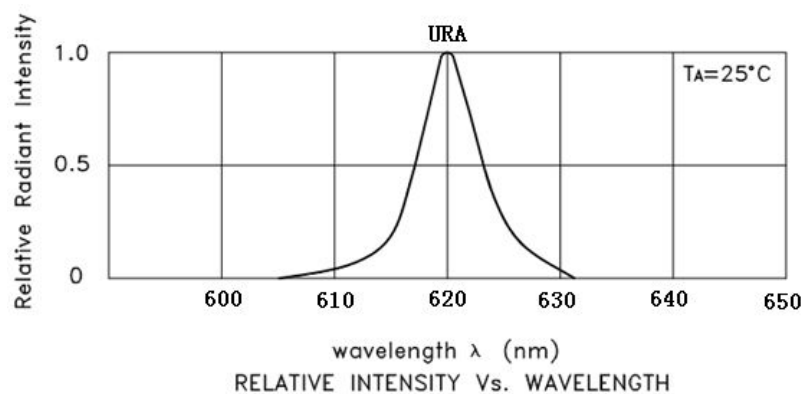
Note: Accuracy may depend on the sorting parameters

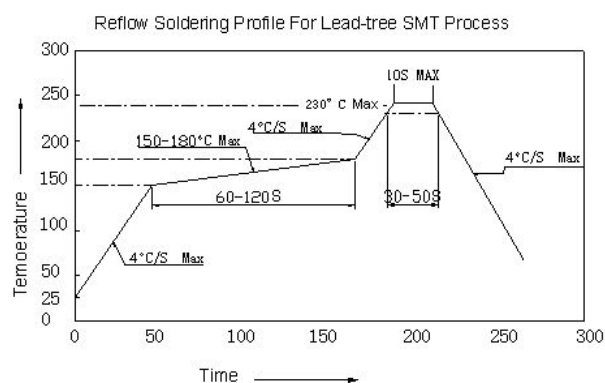
Absolute Maximum Ratings at TA=25°C

Parameter	RED	Units
Power dissipation	75	mW
DC Forward Current	30	mA
Peak Forward Current [1]	80	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	

Note:

1. 1/10 Duty Cycle, 0.1ms Pulse Width.



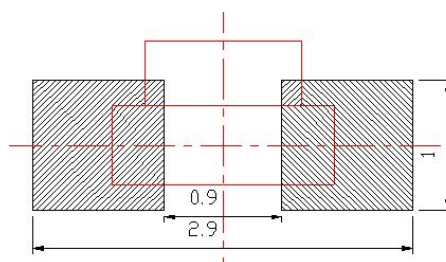
LS-0602-00URC

NOTES:

1. We recommend the reflow temperature 245° c(±5) The maximum soldering temperature should be limited to 260° c
2. Don't cause stress too the epoxy resin while it is exposed to high temperature.
3. Number of reflow process shall be 2 time or less.

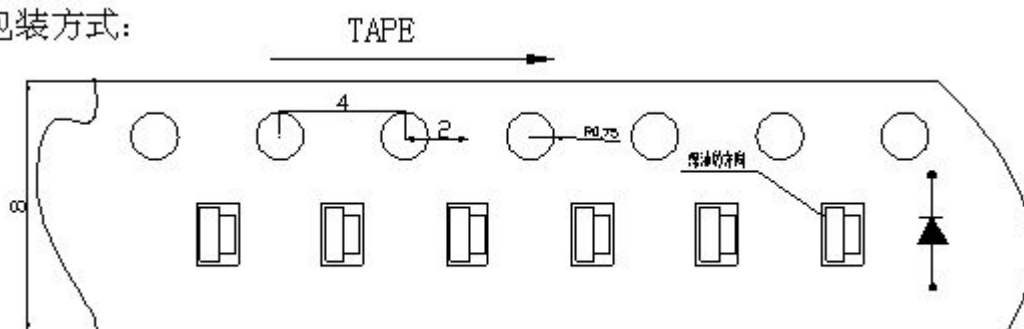
Recommended Soldering Pattern

(Units : mm)

**Tape Specifications**

(Units : mm)

包装方式:



Package: 4000PCS/reel

Remarks:

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1. Wavelength: +/-1nm
2. Luminous Intensity: +/-15%
3. Forward Voltage: +/-0.1V

Note: Accuracy may depend on the sorting parameters