

#### 1.6X0.8mm SMD CHIP LED LAMP

Part Number: APTD1608SYCK

Super Bright Yellow

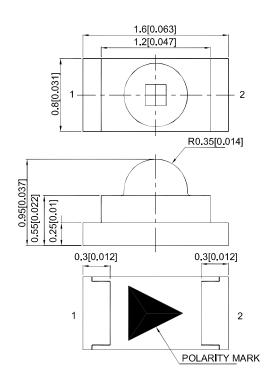
#### **Features**

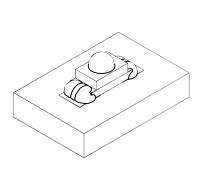
- 1.6mmX0.8mm SMT LED, 0.95mm thickness.
- Low power consumption.
- Wide viewing angle.
- Ideal for backlight and indicator.
- Package: 2000pcs / reel .
- Moisture sensitivity level : level 3.
- RoHS compliant.

#### Description

The Super Bright Yellow device is made with AlGaInP (on GaAs substrate) light emitting diode chip.

### **Package Dimensions**





- 1. All dimensions are in millimeters (inches).
- 2. Tolerance is  $\pm 0.15(0.006")$  unless otherwise noted.
- 3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

  4. The device has a single mounting surface. The device must be mounted according to the specifications.



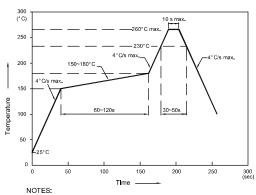
DATE: APR/20/2015 SPEC NO: DSAJ6854 **REV NO: V.6B** PAGE: 1 OF 5 **APPROVED: WYNEC** CHECKED: Allen Liu DRAWN: Q.M.Chen ERP: 1203009848

## **Kingbright**

#### APTD1608SYCK

Reflow soldering is recommended and the soldering profile is shown below. Other soldering methods are not recommended as they might cause damage to the product.

Reflow Soldering Profile For Lead-free SMT Process.



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

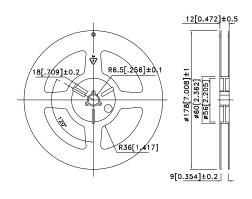
## Recommended Soldering Pattern (Units: mm; Tolerance: ± 0.1)

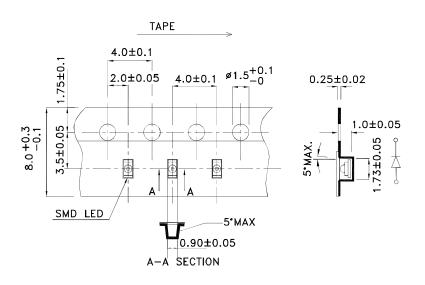
# 0.8 0.85 0.8

## Tape Dimensions

(Units : mm)

#### **Reel Dimension**





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