

# **QT-Brightek Chip LED Series**

**SMD 0603 BI-Color LED**

**Part No.: QBLP601-RIG**

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## Introduction

**Feature:**

- Water clear lens
- Package in tape and reel
- Ultra bright 0603 LED package
- AlInGaP technology for Red (R)
- InGaN technology for true green (IG)
- Viewing angle: 140 deg typ.

**Description:**

These ultra bright 0603 RIG bi-color LEDs have a height profile of 0.55mm. Combination of high brightness output and small footprint, these LEDs are ideal for keypad backlighting, status indication, and color mixing applications.

**Application:**

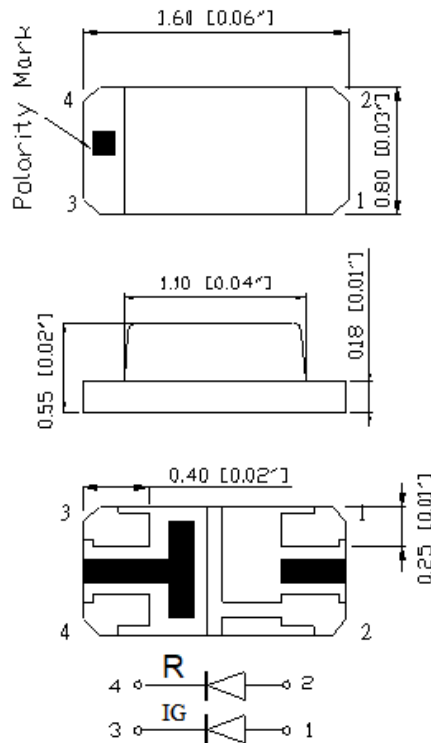
- Status indication
- Back lighting application

**Certification & Compliance:**

- TS16949
- ISO9001
- RoHS Compliant



**Dimension:**





**Dominant Wavelength  $\lambda_D$  for Red @  $I_F=20mA$** 

Bin	Min.	Max.	Unit
u	625	630	nm
v	630	635	

**Dominant Wavelength  $\lambda_D$  for True Green @  $I_F=20mA$** 

Bin	Min.	Max.	Unit
S	515	517.5	nm
T	517.5	520	
U	520	522.5	
V	522.5	525	



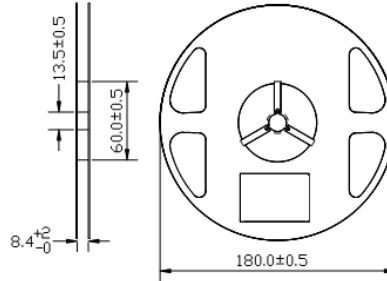






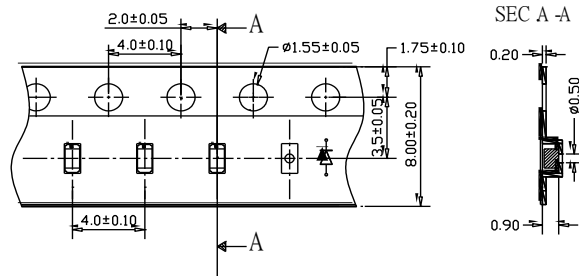
## Packing

### Reel Dimension:



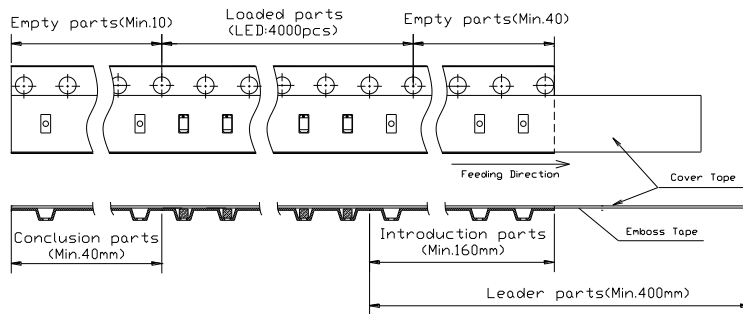
Unit: mm

### Tape Dimension:

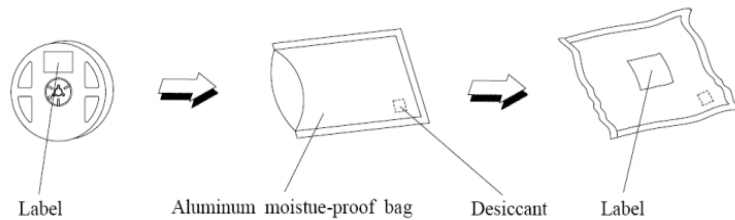


Unit: mm

### Arrangement of Tape:



### Packaging Specifications:





**Ordering Information**

Part #	Orderable Part #	Spec Range	Quantity per reel
QBLP601-RIG	QBLP601-RIG	Red (R): $I_v=125\text{mcd typ. @ } 20\text{mA} / \lambda_D:$ 625nm to 635nm	4000pcs
		True Green (IG): $I_v=550\text{mcd typ. @ } 20\text{mA} /$ $\lambda_D:$ 515nm to 525nm	

**Revision History**

Description:	Revision #	Revision Date
New Release of QBLP601-RIG	V1.0	05/02/2019

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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.