

# **QT-Brightek Display Series**

## **0.30" Single Digit Display**

**Part No.: QBSLDIW30ZGR**

**Z = 1: Common Cathode**

**Z = 0: Common Anode**

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## Introduction

### Feature:

- 0.30" Single digit seven segments display
- Low power consumption
- InGaN technology
- Z= 1: Common Cathode or 0:Common Anode

### Description:

These 0.30" Single digit seven segments displays are made with white segment and grey surface. The viewing distance is up to seven meters.

### Application:

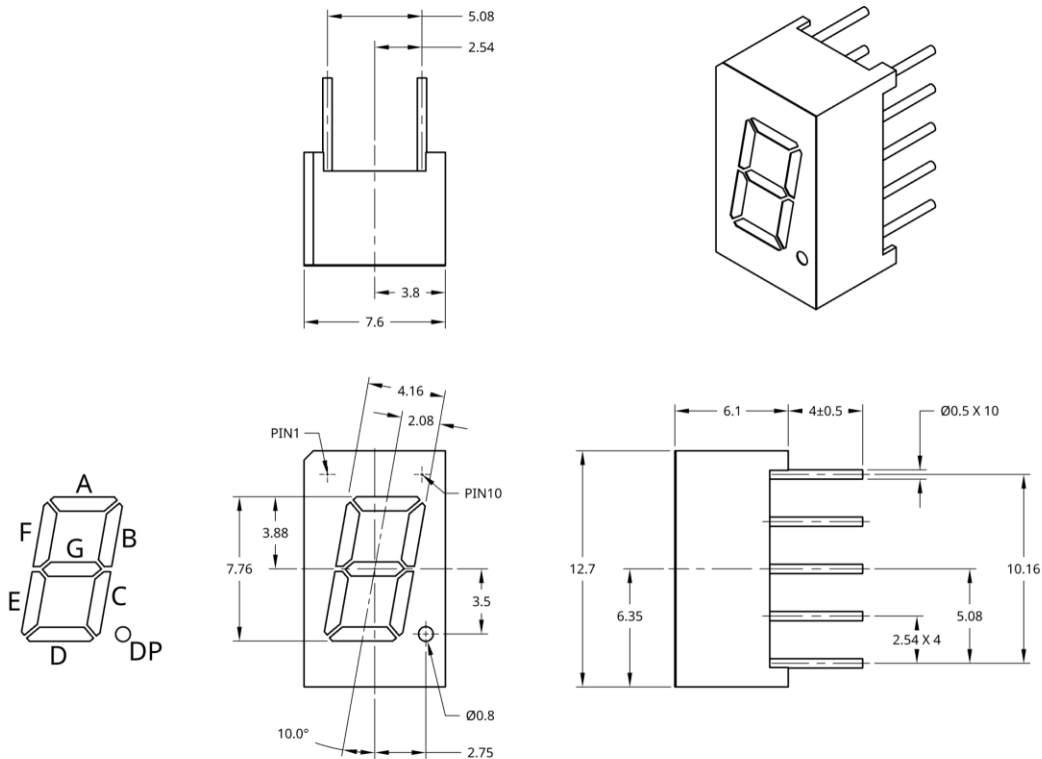
- Instrument panels
- Indoor/Outdoor display board
- Audio equipment

### Certification & Compliance:

- ISO9001
- RoHS Compliant



## Dimension:



Units: mm / tolerance = +/-0.25mm

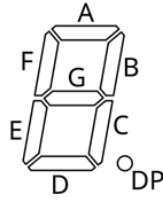
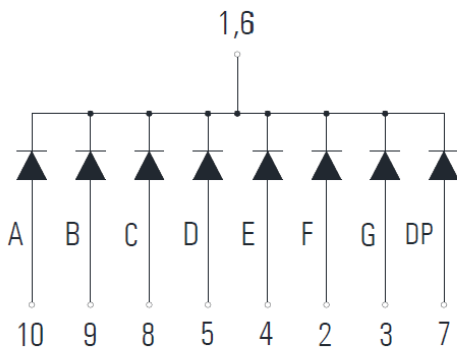
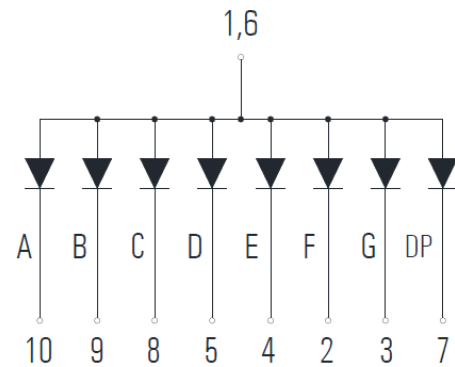
**Electrical / Optical Characteristic (Ta=25 °C)**

Product		Color	I <sub>F</sub> (mA)	V <sub>F</sub> (V)		Chromaticity Coordinates	I <sub>v</sub> (mcd)
Common Cathode	Common Anode			Typ.	Max.		
QBSLDIW301GR	QBSLDIW300GR	White	20	3.0	3.2	X=0.30 Y=0.31	68 @10mA 136 @20mA

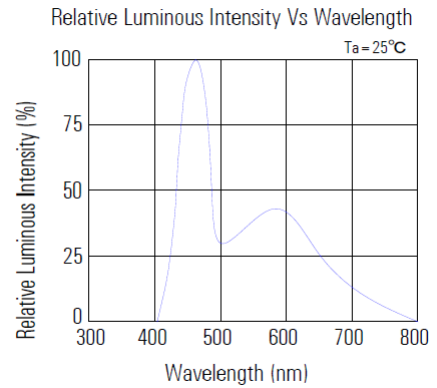
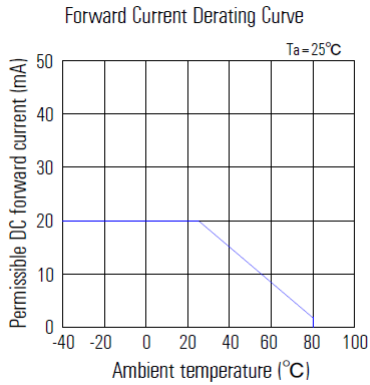
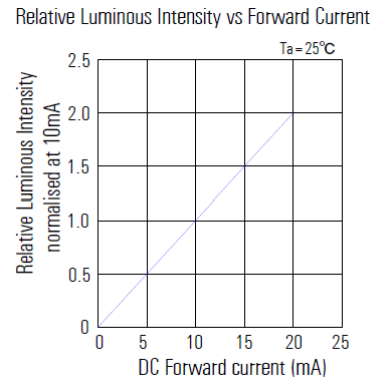
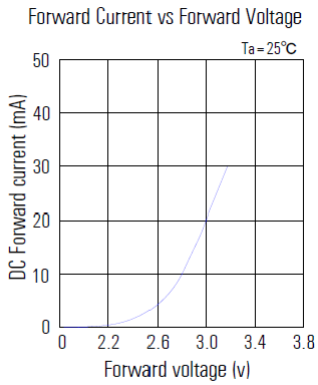
**Absolute Maximum Rating**

Material	P <sub>d</sub> (mW)	I <sub>F</sub> (mA)	I <sub>PF</sub> (mA)*	V <sub>R</sub> (V)	T <sub>OP</sub> (°C)	T <sub>ST</sub> (°C)
InGaN	64	20	40	5	-40 to +80	-40 to +85

\*Duty 1/10 @ 1KHz

**Pin Configuration****Common Cathode (QBSLDIW301GR)****Common Anode (QBSLDIW300GR)**

**Characteristic Curves**





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## Ordering Information

Orderable Part #		Spec Range	Quantity per foam
Common Cathode	Common Anode		
QBSLDIW301GR	QBSLDIW300GR	Iv=136mcd typ. @ 20mA, X=0.30, Y=0.31	495 pcs

## Revision History

Description:	Revision #	Revision Date
New Release of QBSLDIW30ZGR	V1.0	08/23/2023

## Disclaimer

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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.