

QT-Brightek Display Series

0.56" Single Digit Display

Part No.: QBSLDAG156ZGR

Z = 1: Common Cathode

Z = 0: Common Anode

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Introduction

Feature:

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

Description:

These 0.56" Single digit seven segments displays are made with white segment and grey surface. The viewing distance is up to seven meters.

Application:

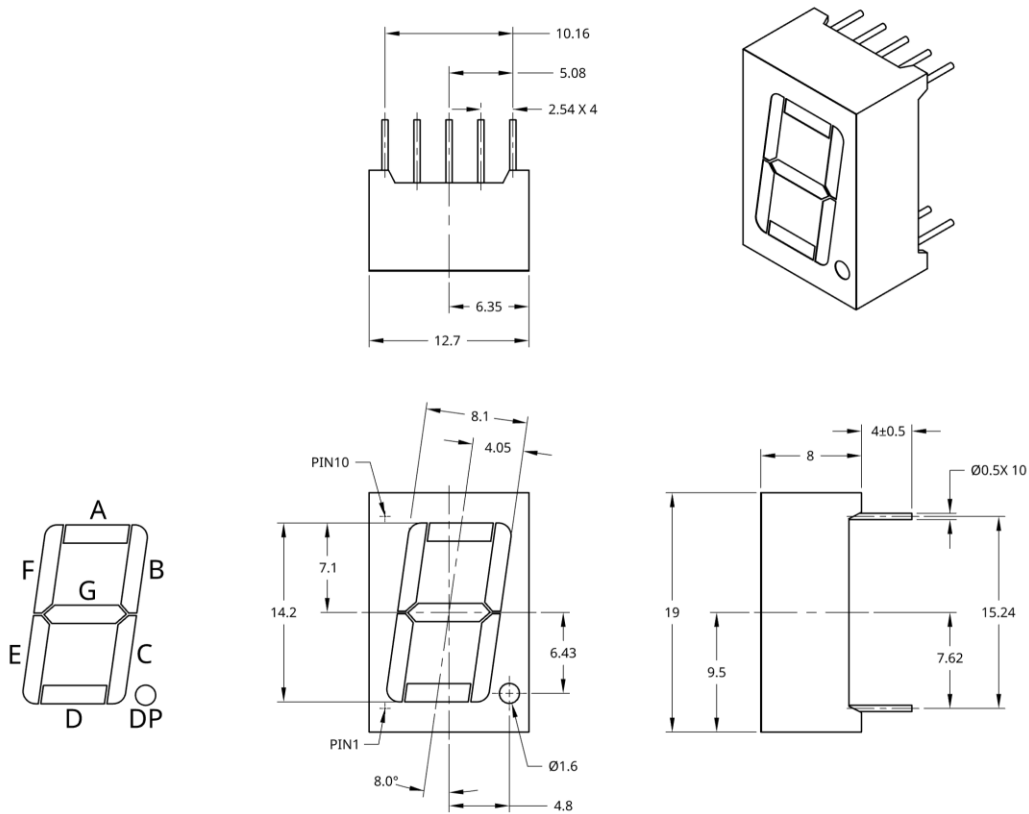
- Instrument panels
- Indoor/Outdoor display board
- Audio equipment

Certification & Compliance:

- ISO9001
- RoHS Compliant



Dimension:



Units: mm / tolerance = +/-0.25mm

Electrical / Optical Characteristic (Ta=25 °C)

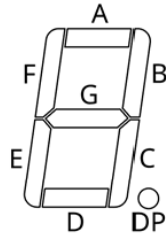
Product		Color	I _F (mA)	V _F (V)		λ _D (nm)	λ _P (nm)	I _V (mcd)
Common Cathode	Common Anode			Typ.	Max.	Typ.	Typ.	Typ.
QBSLDAG1561GR	QBSLDAG1560GR	Green	20	2.0	2.4	572	575	10 @10mA 20 @20mA

Absolute Maximum Rating

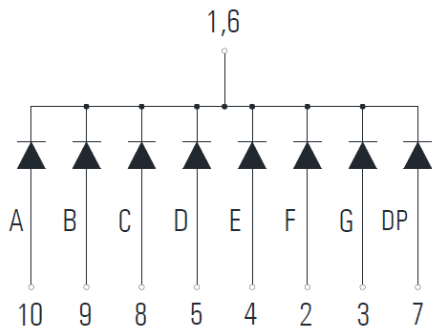
Material	P _d (mW)	I _F (mA)	I _{PF} (mA)*	V _R (V)	T _{OP} (°C)	T _{ST} (°C)
AllnGaP	48	20	40	5	-40 to +80	-40 to +85

*Duty 1/10 @ 1KHz

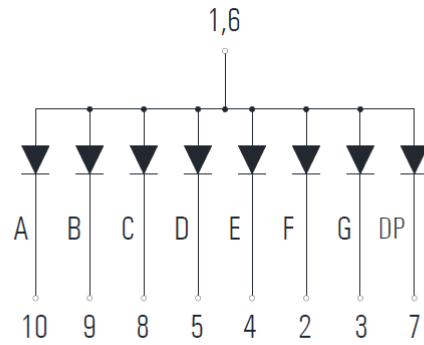
Pin Configuration



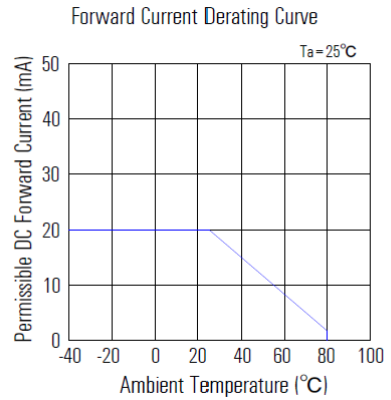
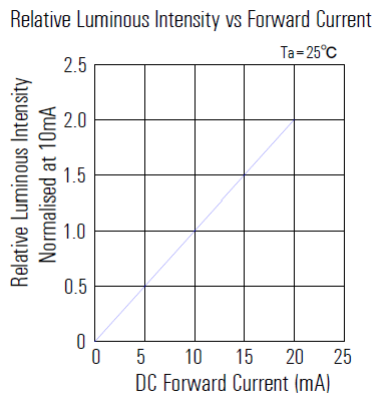
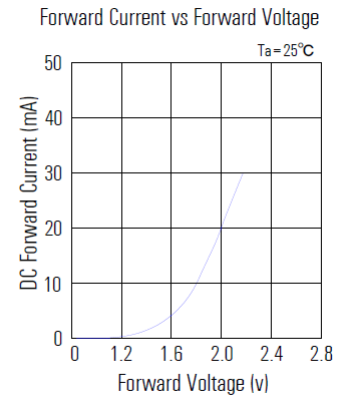
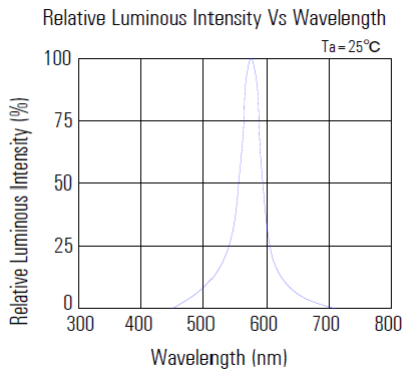
Common Cathode (QBSLDAG1561GR)



Common Anode (QBSLDAG1560GR)



Characteristic Curves





Ordering Information

Orderable Part #		Spec Range	Quantity per foam
Common Cathode	Common Anode		
QBSLDAG1561GR	QBSLDAG1560GR	Iv=18mcd typ. @ 20mA, λD=572nm typ., λP=575nm typ.	200pcs

Revision History

Description:	Revision #	Revision Date
New Release of QBSLDAG156ZGR	V1.0	08/25/2023

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.