

FESTOON LED BULB

Data Sheet

6mm LED Bulb Series

AB-06XXXX-XXXX-XX

Description:

These high voltage LED bulbs are specifically designed for electric equipment, indicator light switch and where a wide view angle.

The 5mm round shaped radiation pattern (40°) and high luminous intensity ensure that these devices are excellent for wide field of view outdoor applications where a wide viewing angle and readability in sunlight are essential.

Selection guide:

AB-06XX-XXXX-XX

AB:A-BRIGHT product

5:Round type dimensions

X: Color

XXXV: Input voltage

X: Bulb Base

Feature:

- Wide view angle (40°)
- High luminous output
- Seven kind color
- Free to differentiate anode and cathode(Bi-Polar)
- Solid-state Vibration resistant
- Saving power
- Long life

Option:

- 4V to 12V DC
- Other industry standard base

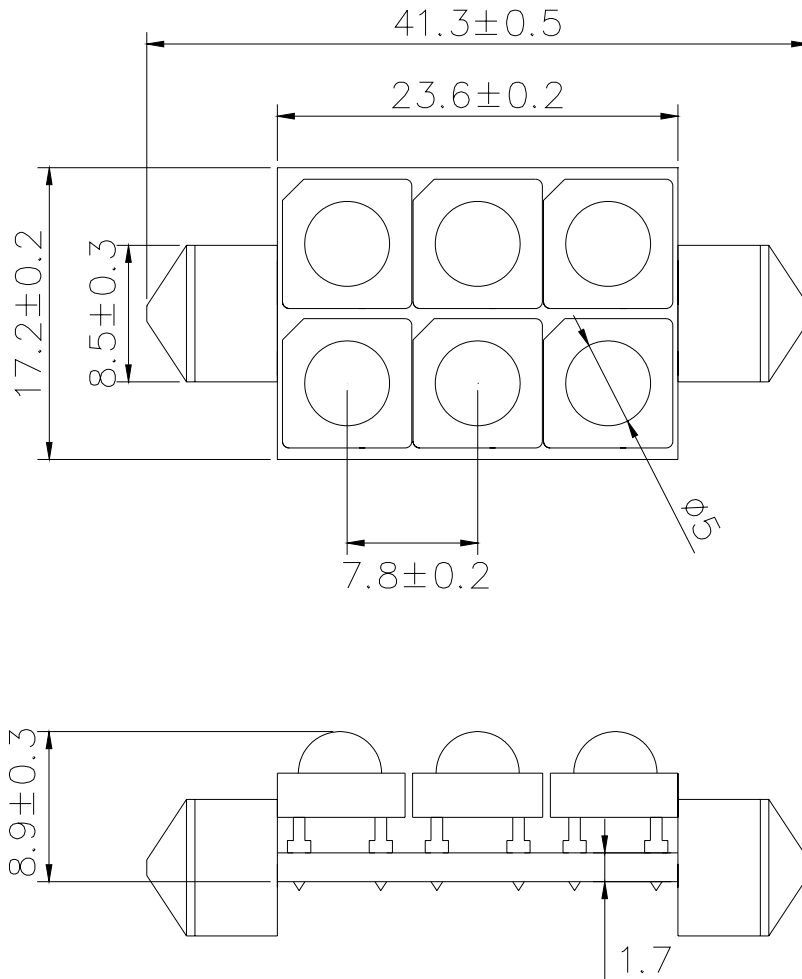
A-BRIGHT

A-BRIGHT INDUSTRIAL CO.,LTD.

Part No.: AB-0651B0-12VD-CF-B

6 Lamps LED Bulb

PACKAGE DIMENSIONS:



NOTE:

1. All dimensions are in millimeter.
2. All tolerance are ± 0.25 mm.

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6 Lamps LED Bulb

FEATURE:

- SUPER LUMINOSITY BLUE LED (InGaN).
- WATER CLEAR PACKAGE.
- 5mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE.
- ELECTRIC DC.

MATERIALS:

- LED LENS: UV RESISTENT EPOXY

ABSOLUTE MAXIMUM RATING: Ta = 25 °C

- PEAK OPERATE VOLTAGE..... 14 V
- OPERATING TEMPERATURE..... -25 TO +85°C
- STORAGE TEMPERATURE..... -35 TO +100°C
- LED BULB LIFE..... 20000 HOURS
(LUMINANCE REDUCES to 50%)

ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C

| PARAMETER | | SYMBOL | MIN | TYP | MAX | UNIT |
|-------------------|--------------------------|--------------|------|------------|-----------|------------|
| Power dissipation | | PO | ---- | 0.5 | ---- | W |
| Operate Voltage | | V | ---- | 12 | 14 | V |
| Luminous Flux | V _{IN} = 12V DC | LM | ---- | 8 | ---- | LM |
| Peak Wavelength | V _{IN} = 12V DC | λ p | ---- | 470 | ---- | nm |
| Forward Current | V _{IN} = 12V DC | IF | ---- | 35 | ---- | mA |
| Viewing Angle | | 2θ1/2 | ---- | 40 | ---- | deg |