

## 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-06XXXX-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

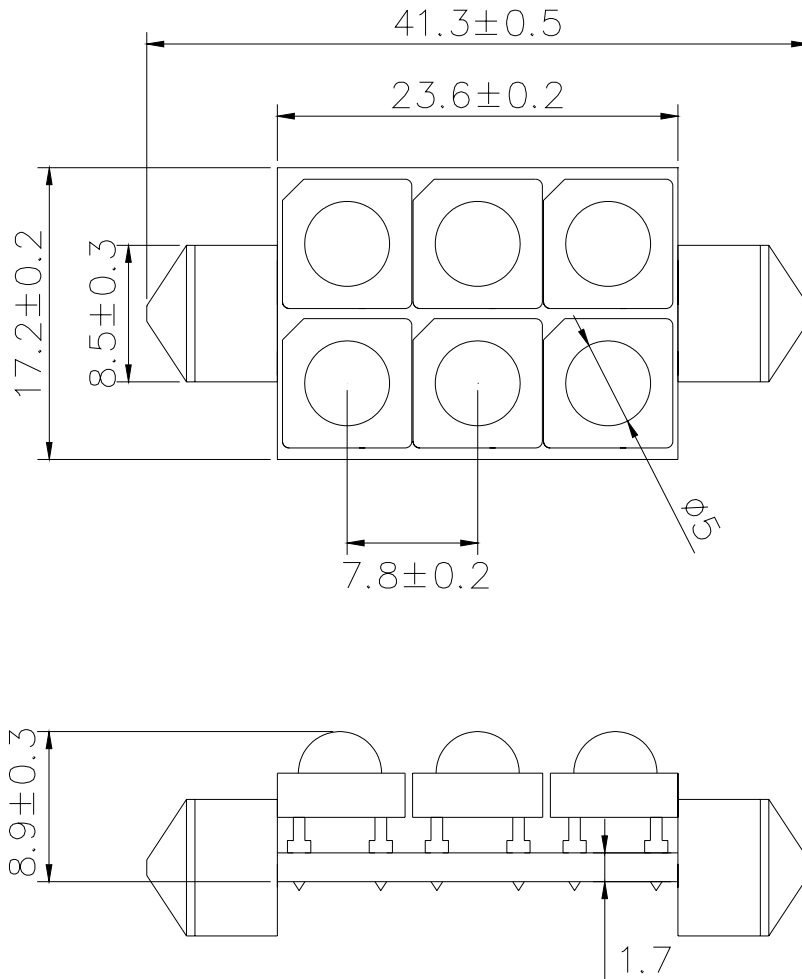
***A-BRIGHT***

A-BRIGHT INDUSTRIAL CO.,LTD.

**Part No.: AB-0651R0-12VD-CF-B**

**6 Lamps LED Bulb**

**PACKAGE DIMENSIONS:**



**NOTE:**

1. All dimensions are in millimeter.
2. All tolerance are  $\pm 0.25$ mm.

**Part No.: AB-0651R0-12VD-CF-B**

**6 Lamps LED Bulb**

**FEATURE:**

- SUPER LUMINOSITY RED LED (AlGaInP).
- 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..... 50000 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 <sub>IN</sub> = 12V DC	LM	----	8	----	LM
Peak Wavelength	V <sub>IN</sub> = 12V DC	λ <sub>p</sub>	----	630	----	nm
Forward Current	V <sub>IN</sub> = 12V DC	I <sub>F</sub>	----	35	----	mA
Viewing Angle		2θ1/2	----	40	----	deg