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## Single- LED

Distribution by  
Mouser



10-2509.1142



<https://mouser.eao.com/component/10-2509.1142...>

Your product:

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## 10-2509.1142 Single-LED

### OPERATING-/INDICATION PART

**Illumination colour:** Red

### ELECTRICAL CHARACTERISTICS

**Operating voltage:** 12 V AC/DC +10%

**Operation current:** 16 mA ±15 %

**Lumi. Intensity:** 390 mcd

### MECHANICAL CHARACTERISTICS

**Weight:** 0.002 kg

### CERTIFICATE

**REACH:** REACH compliant

**RoHS:** RoHS compliant

### OTHER

**Short Description:** Single-LED, BA9s, Red, 12 V AC/DC +10%

**Kind of illumination:** Single-LED

**Hints:** The specified 6 V DC, 24 V DC Bi-colour; 130 V AC, 130 V DC and 230 V AC versions are built with a protection diode

The specified 12, 24, 28, 48 VAC/DC versions are built with a bridge rectifier

The specified 130 VAC types are developed to run on a supply voltage of 130 VAC only

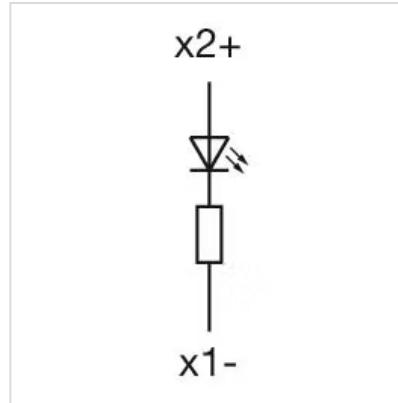
An operation at a higher supply voltage using commercial lampholders with integrated resistors, is not approved

If the 24VDC Bi-colour lamp is driven with normal polarity (plus on middle contact of the lamp) the first mentioned colour will light up, with inverted polarity the second colour will light up

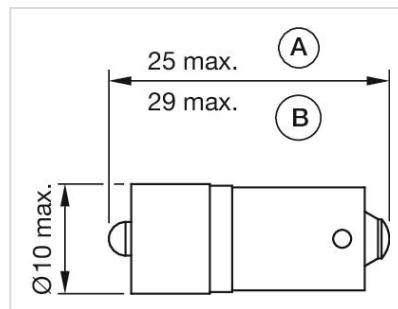
The luminous intensity stated is for when used with DC

Electrical and optical data are measured at 25 °C  
Luminosity and wave length variations caused by LED manufacturing processes  
may cause slight differences regarding the illumination. The customer has to  
decide what resistor shall be used to the LED

**Wiring diagrams:**



**Dimension drawings:**



A = (standard)  
B = (super bright)