



Datasheet

Item: HCB400B110-W
Description: Mega StarLED, BA9s LED-Lamp, 110V AC/DC, cold white, DIN EN 50155

Date: 01.07.2015
Rev.: 2
Item: HCB400B110-W

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Description

Designation: Mega StarLED, BA9s LED-Lamp, 110V AC/DC, cold white, DIN EN 50155, Manufacturer CML Technologies GmbH & Co. KG

Description: High brightness LEDs, under voltage shutdown (<24V), low power consumption (<0,2W), long lifetime (>20000h), fails-safe, DIN EN 50155 class TX

Item status: available

Application: Railway Applications

Function: 2 times 2 LEDs in series are used to illuminate the LED lamp. Each 2 LEDs in series are protected against LED failure. In case one LED fails the other pair of still functioning LEDs is working. The light output is half in order to indicate the malfunction and the need for replacement.

Product range: Mega StarLED

Average Lifetime: >20000 h



Optical features

Colour: cold white

Number of LEDs: 4

Typ. Luminous Flux: 1,4 lm (at DC current)

Beam angle: 120 °

Color temperatur: 7000 K

Electrical features

Nominal voltage: 110 V

Rated Voltage: 126,5 V

Lowest permanent voltage: 77 V

Highest permanent voltage: 137,5 V

Lowest non permanent voltage: 66 V

Highest non permanent voltage: 154 V

Voltage type: AC/DC

Rectifier: Bridge

Voltage tolerance: 77 - 137,5 V

Typ. current: 2 mA

Typ. power consumption: <0,2 W

Mechanical features

Socket: BA9s

Material plastic: Makrolon 2805

Length: 25 mm

Lamp size: T-3 1/4

Diameter: 10 mm

Thermal features

Operating temperature: -40...+80 °C

Storage temperature: -40...+80 °C





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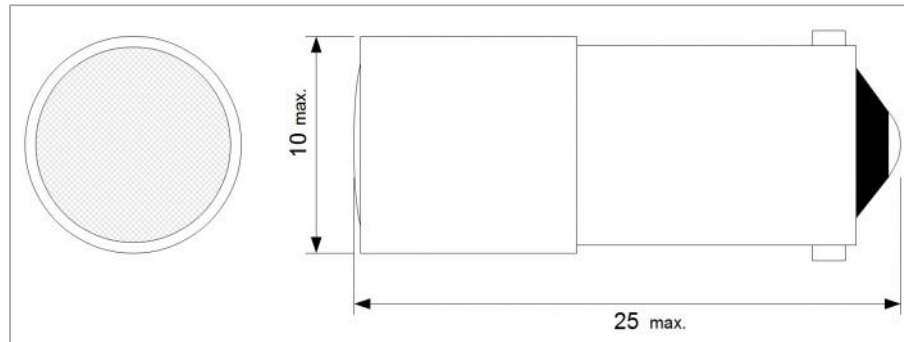
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Norms & Standards

Norms & Standards: DIN EN 50155

Drawing



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