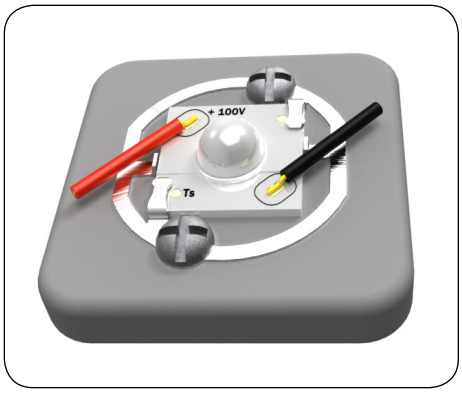

LUMAWISE LED Holders

TE LED holder, Type LH

The TE LED holder, Type LH is an ultra low cost, robust solution for use with the Philips Lumileds LUXEON® H LED array. The Type LH holder from TE Connectivity mechanically and thermally secures the Luxeon H directly to the heat sink facilitating the fast design and assembly of fixtures with the Luxeon H emitter. Ideal for GU10 and A19 lamp applications, the Type LH holder utilizes stainless steel material to resist corrosion in high humidity environments and to provide the important stable clamping force over the life time of the product. TE Connectivity holders make designs more reliable, easier to use and faster to market.

KEY FEATURES

- Mechanically and thermally secure the Luxeon H emitter to the heat sink using standard screws
- Provides greater than 3mm of clearance distance between the Luxeon H emitter electrical termination pads and the Type LH hold down spring members
- Clearance area around the Luxeon H emitter light emitting surface for the placement and use of secondary optics
- Less than 2mm in profile height to eliminate shadowing affects
- Type LH socket does not obstruct access to the Luxeon H emitter Tcase measurement point
- Designed to accommodate thermal grease, paste and thermal interface materials up to 0.25mm thick
- RoHS and REACH compliant

APPLICATIONS

- Ideal for space constrained, cost sensitive and visually appealing designs
- Retrofit bulbs (GU10, A19 and Candle bulbs)
- Track lighting
- Under cabinet lighting

MECHANICAL

- -40°C to 110°C continuous operating temperature
- Fits within less than a 28mm diameter area
- Lower than 2mm in profile height
- Securely fastens to the heat sink with two M3 or #4 sized mounting screws

MATERIALS

- Stainless steel material utilized to resist corrosion in high humidity environments and to provide stable clamping forces over the lifetime of the product.

PRODUCT OFFERING

- **2154821-1:** LED clamp, Type LH Solderless LED Socket, Type LH

APPLICATIONS AND SPECIFICATIONS

- Application Specification: **114-32042**
- Product Specification: **108-133002**
- Product drawing: **2154821**

INTELLIGENT BUILDINGS

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