



Connectors

ASSMANN WSW components

LED - connector system

Easy to connect by Plug and Play function

ASSMANN WSW components, a worldwide manufacturer and system-supplier of standard- and customer-tailored connectors, cable assemblies, heat sinks and assemblage services with more than 45 years of experience in the connector and heat sink market, extend his product range by a new miniature Wire-to-Board LED connector system.

The new connector system simplifies field installation – Designed for lightning applications.

ASSMANN WSW components present a comfortable and quick solution to connect LED lighting controls and general illumination of LED modules. The multiple mating function allows the replacement of PCB units in the field without unsoldering or reinstallation of the complete lightning units. A User-friendly assembly mechanism allows a disconnection without a complex disassembly process in the field. The features of the low-profile design with a flat top surface and rounded corners minimizes light obstruction and shadowing.

The new LED - connectors system is available in different pin versions, fulfill RoHS & REACH compliant, UL94V-0 rated and consists of high-temperature-resistant thermoplastic material which operates at temperatures from -40°C up to 105°C. The contacts are based on a copper alloy material with a tin over nickel plating, providing a current rating of 6A and withstand voltages up to 500VAC.

The straight surface on top of component allows tape & reel packaging for vacuum pick-up by high-speed SMT and THR reflow processing.

Advantages:

- Simple connection to PCB
- Reduce assembly time
- Removable connection
- Flat design
- Shadow-less light
- Available for SMT, THR and THT soldering process
- Tape & Reel packaging



Wire-to-Board connector: AWBR-400-02-SR1



Board-to-Board connector: ABTB-400-02-SR1

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