

SOLIDWORKS PCB CONNECTOR



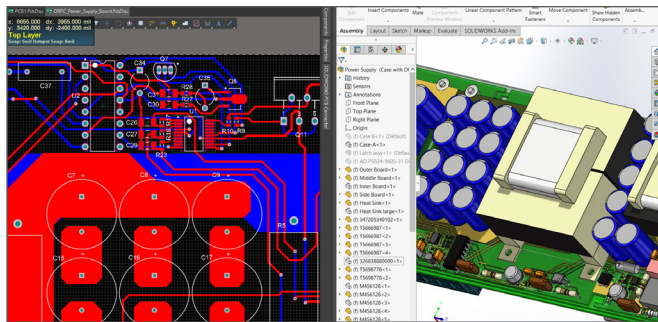
TAKE COLLABORATION ON ELECTRICAL AND MECHANICAL PRODUCT DESIGN TO NEXT LEVEL

Take advantage of intelligent ECAD-MCAD codesign early in—and throughout—the design process and avoid costly design rework, as well as eliminating or minimizing potential defects, saving time and money.

OVERVIEW

SOLIDWORKS® PCB Connector, for Altium Designer, is unique in its ability to provide on-demand collaboration between the electronic design and 3D mechanical design domains. A native, programmatic integration with the SOLIDWORKS 3D mechanical environment eliminates the need for STEP, DXF™, and IDF file-based data exchange formats. It offers a clear advantage to any company where ECAD and MCAD collaboration is critical to the overall success of mechatronic and electronic product design.

ECAD-MCAD COLLABORATION

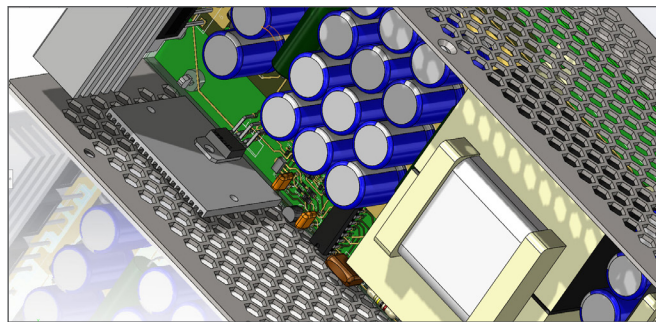


SOLIDWORKS PCB Connector, available as an extension for Altium Designer, takes the guesswork out of electrical and mechanical design synchronization, providing a managed workflow for design collaboration between the Altium Designer and SOLIDWORKS 3D CAD environments.

It programmatically links both environments, sharing critical design elements between electronic and mechanical design teams. This direct ECAD-MCAD collaboration methodology exchanges design data through a seamless, push-button interface that ensures consistency and accuracy and facilitates electromechanical codesign.

With the SOLIDWORKS PCB Connector, designers remain on the same page throughout the design process, helping to meet critical project schedules and design goals, and reduce costs associated with hardware re-spins.

CAPABILITIES OF SOLIDWORKS PCB CONNECTOR



- **ECAD-MCAD Design Collaboration:** Unmatched ECAD-MCAD integration and collaboration between Altium Designer and SOLIDWORKS 3D CAD eliminates the need for STEP, DXF, and IDF file exchanges
- **Managed ECAD-MCAD ECO Process:** A managed ECO process to and from Altium Designer and SOLIDWORKS 3D CAD takes care of design changes, including board shape, component placement, mounting holes, and cutouts, keeping designs in sync.
- **SOLIDWORKS File Support:** Provide the most precise and pure version of component models and enclosures, ensuring that your 3D clearance check process provides a clear picture of board fit.
- **Design Commenting and Revision Management:** Take complete control of your design process and understand exactly what changes were made to your board design and when. Detailed revision comments allow you to see a clear change history with the ability to accept or reject the changes.

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