



PRODUCT OVERVIEW

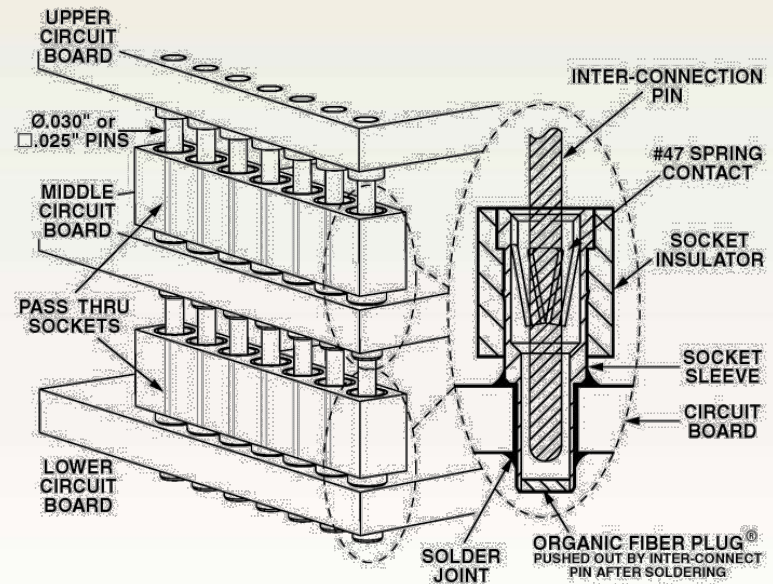
Pass Through Connector Assemblies



Introduction

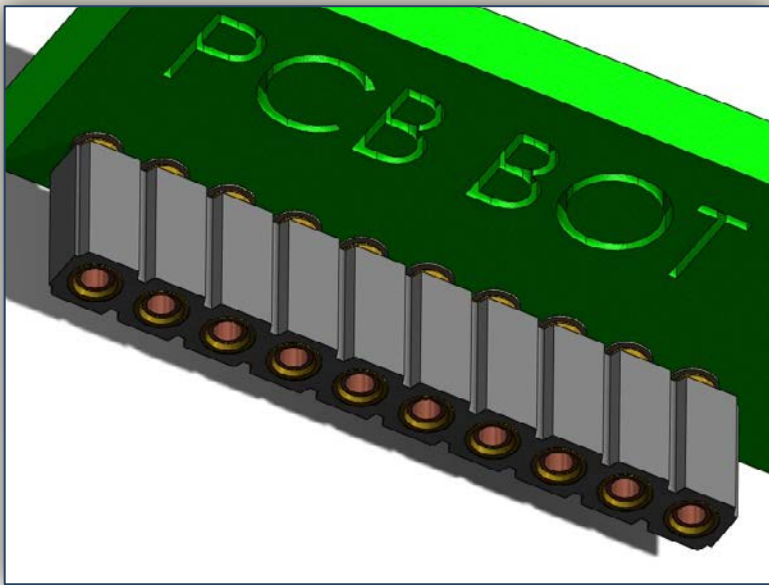
Featuring our unique Organic Fibre Plug® solder barrier the Mill-Max pass through connector is perfect for module stacking applications where a male pin header located on the base PCB must pass through a piggybacked board above it.

- ▶ Pass Through Sockets have a low .130" (3,3mm) profile and will accept .030" (0,76mm) diameter round pin, as well as industry standard .025" (0,64mm) square pin headers.
- ▶ ORGANIC FIBRE PLUG® barriers prevent solder, paste or flux from contaminating the internal spring contacts. After soldering, the OFP® barriers are pushed out when the mating header is inserted.
- ▶ The open-bottom, through hole receptacle design makes it ideal for PCB-to-PCB stacking applications. The long, open bottom receptacle tail not only allows for conventional top PCB mounting, but it can also be inverted & mounted below the PCB to create unique bottom-pin entry connectors.

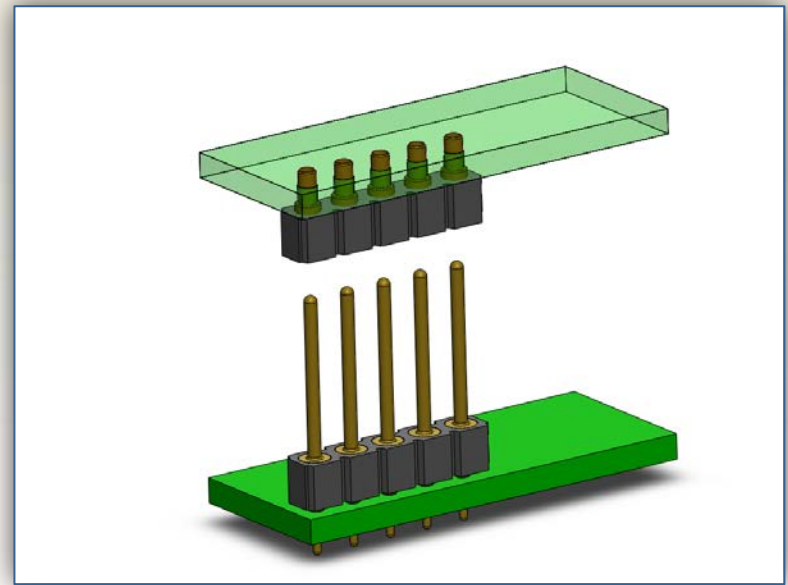


Single Row Bottom Entry Application

An example of a single row connector being used as a bottom entry pass through connector for stacking two boards.



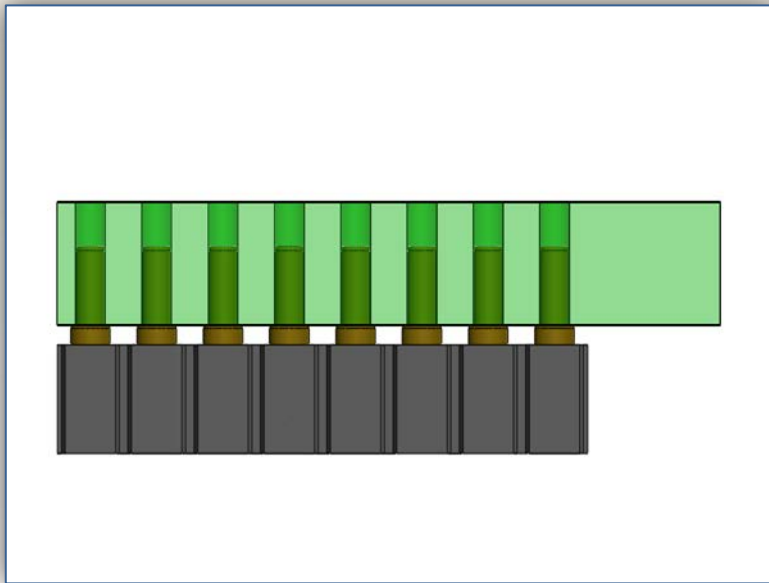
A 10 position, single row, 834-43-010-10-001000 applied as a PCB bottom entry connector.



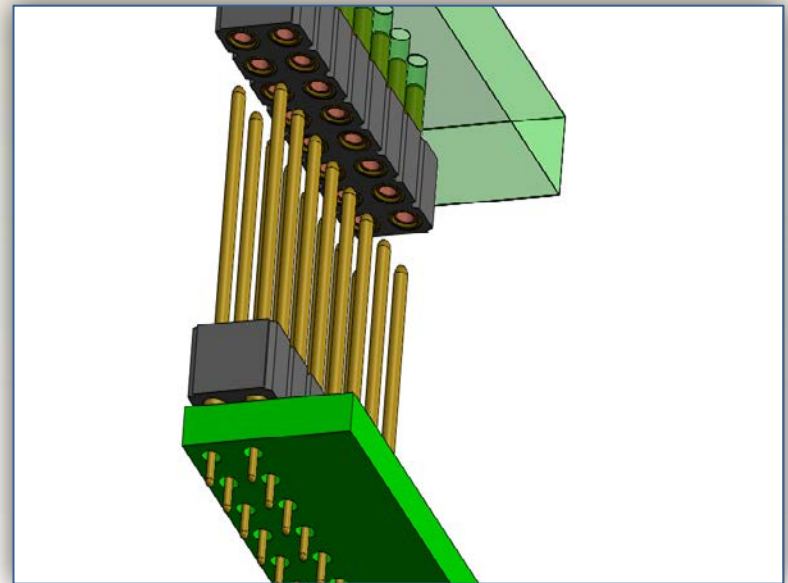
A 5 position, single row, 834-43-005-10-001000 about to be applied as a PCB bottom entry connector in a board stacking requirement.

Double Row Bottom Entry Application

Unique ORGANIC FIBRE PLUG® barriers prevent solder, paste or flux from contaminating the internal spring contacts. After soldering, the OFP® barriers are pushed out when the mating header is inserted.



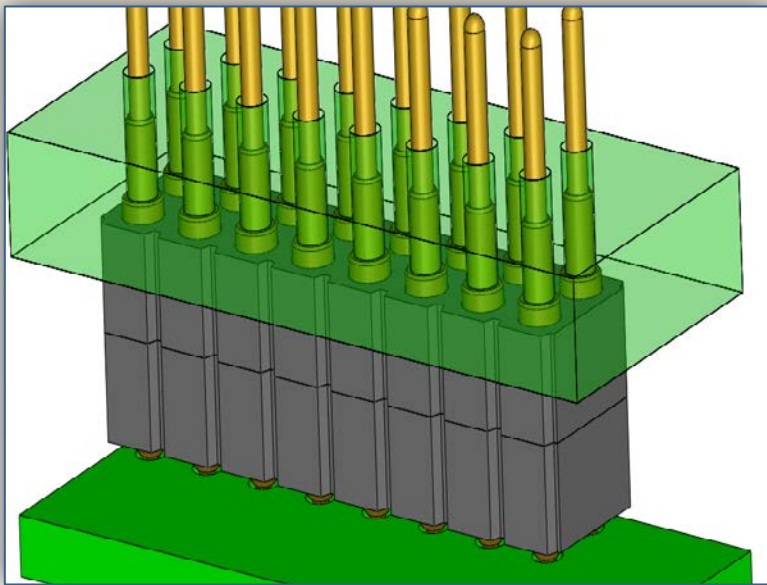
Double-row, 16 position, Mill-Max 835 series connector intrusively reflow soldered onto the bottom side of a .125" (3,18mm) thick PCB.



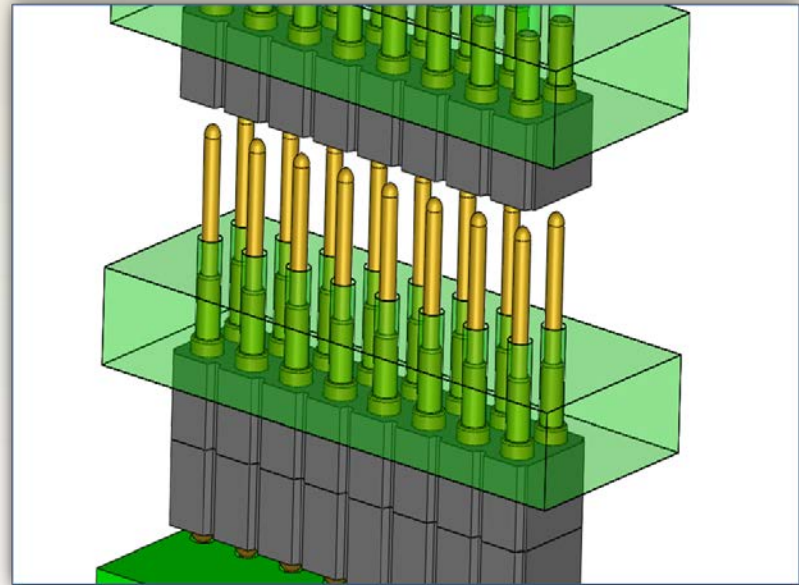
A Mill-Max 16 position, double row, 835-43-016-10-001000 about to be applied as a PCB bottom entry connector in a board stacking requirement.

3 Board Stacking Application

Shown here is a three PCB module application using two Mill-Max 16 position, double row, 835-43-016-10-001000 connectors, stacked upon a long male pin header mounted on the base PCB.



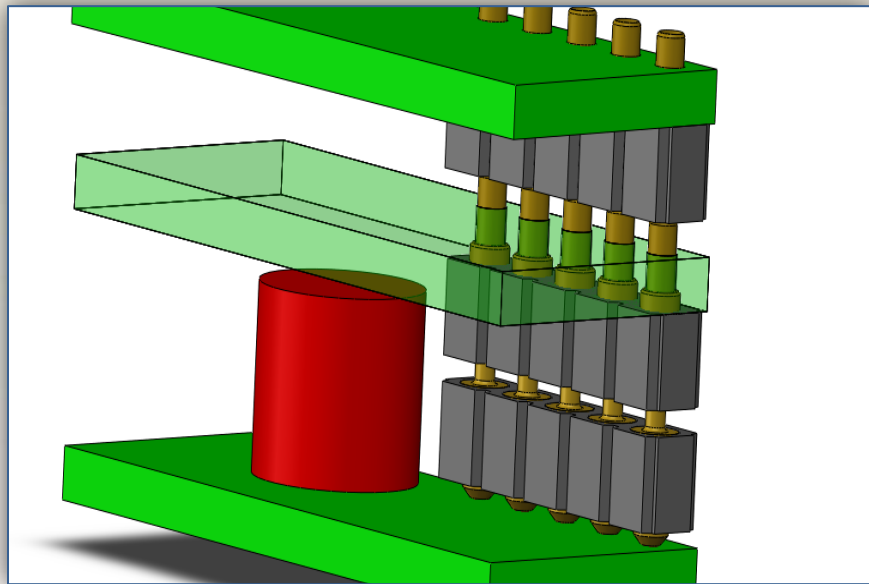
16 position male pin header engaged and passing through a Mill-Max 16 position, double row, 835-43-016-10-001000 PCB bottom entry connector.



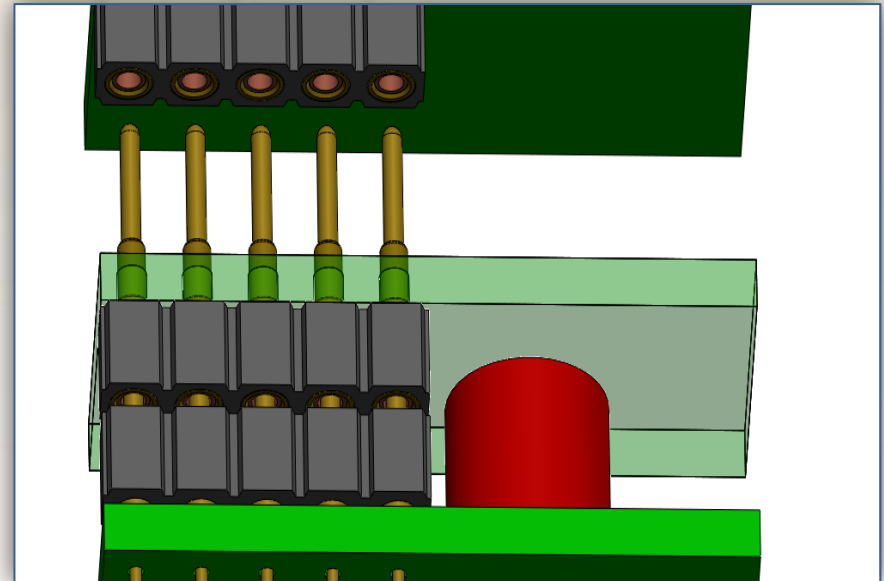
Top PCB disengaged from this 3 board module application. The first 835 series connector provides a pass through connection into another 835 series connector mounted to the bottom side of the top PCB.

3 Board Stacking Application

Shown here is a three PCB module application using two Mill-Max 5 position, single row, 834-43-005-10-001000 connectors, stacked upon a long male pin header mounted on the base PCB.



The first 834 series connector provides clearance to the large red can device and provides a pass through connection into another 834 series connector mounted to the bottom side of the top PCB.



Top PCB disengaged from this 3 board module application.

Click the button below for more information and to browse
our selection of **Pass Through Connector Assemblies**

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MILL-MAX MFG. CORP. - 190 PINE HOLLOW ROAD, OYSTER BAY, NY 11771