

Standard Product Lines

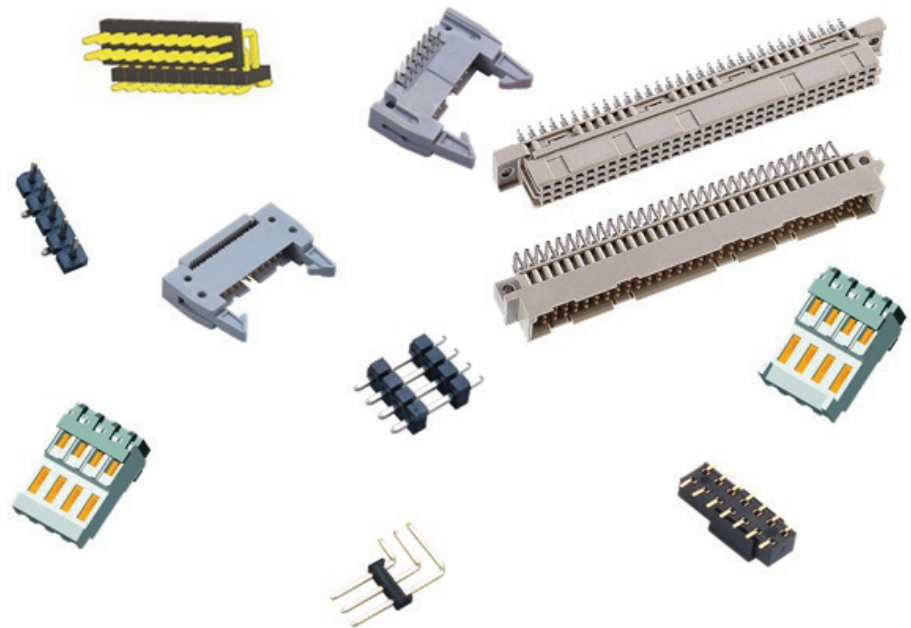
MAS-CON

BOARD-CON

CRIMP-CON

LAT-CON

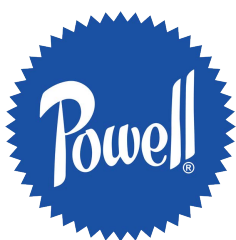
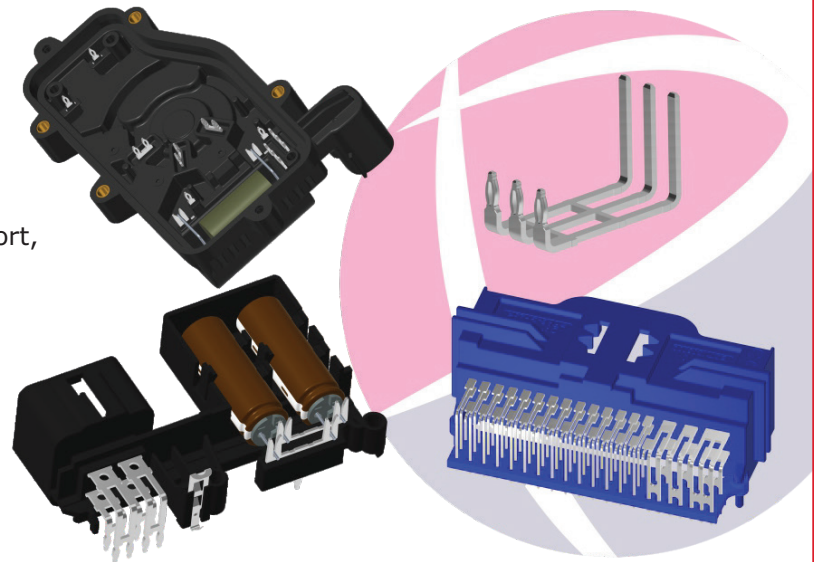
HI-CON



Custom solutions

One of Pancon's strengths is the development and optimization of customer-specific interconnect solutions.

Together, with the customers input and support, the product is designed for a specific applications using modified standard product or to address complex customer requirements with custom designs.



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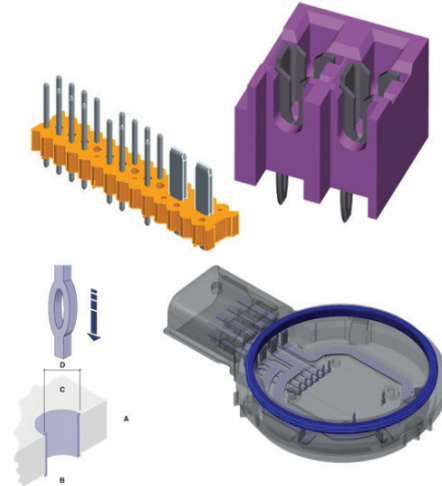


panconinfo@powell.com

Custom Solutions

Our customer-specific projects are predominantly suited towards the technical applications we are focused on such as:

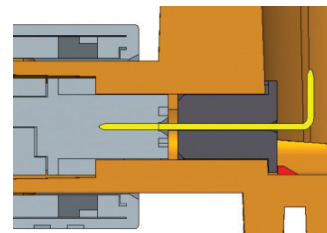
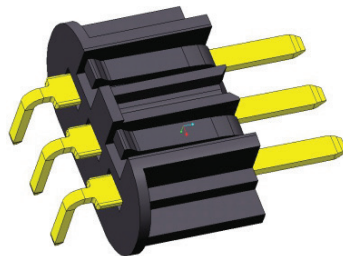
- IDC applications (Insulation Displacement Connection)
- Press fit (Compliant Pin)
- THR connector – (Through Hole Reflow)
- Over-molding of connectors and stamped terminals



Contact carrier for truck lighting

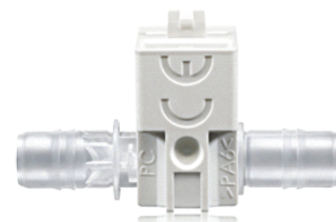
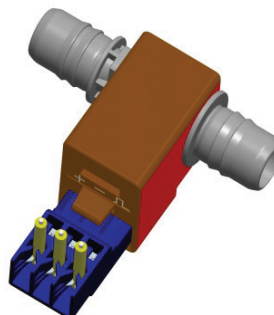
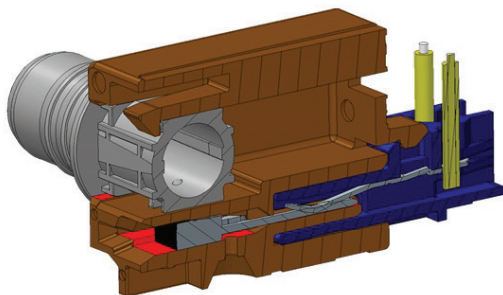
Integration of a contact carrier in an aluminum heat sink.

The contact carrier can be used for the right and left variant.



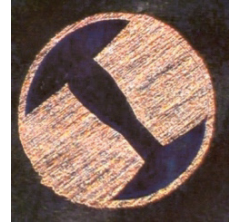
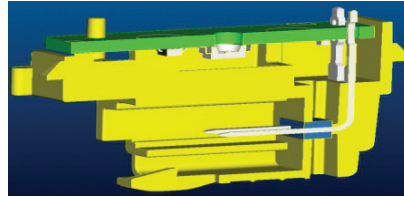
Connector solution for coffee machines

Direct termination of a socket strip developed by Pancon to attached to the component contact pins of a Hall sensor. The plastic housing assembly for the Hall sensor was also developed by Pancon.



Custom solutions

Pancon has been developing and producing press-fit (Compliant) zones contacts since 1978. Back then it was designed for DIN series connectors and today mainly offered for customer-specific programs.



The contacts are often over-molded, as shown in this case.

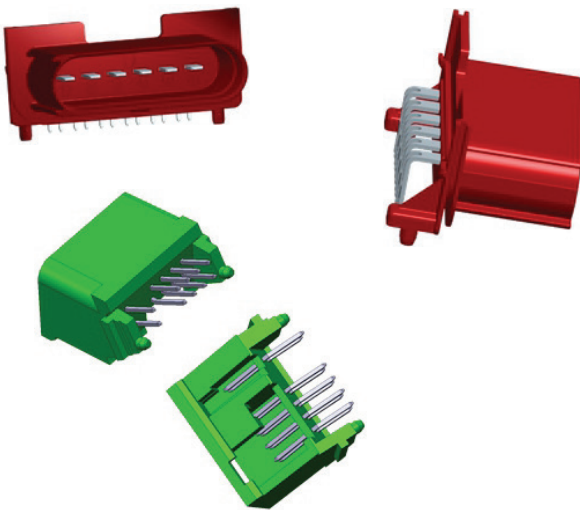


Custom solutions

In these projects, contacts are built into the respective plastic housing.

The Pancon production process is very flexible.

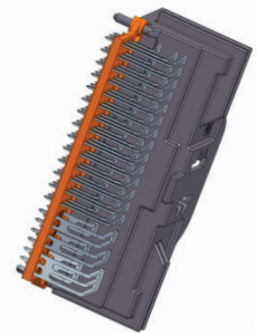
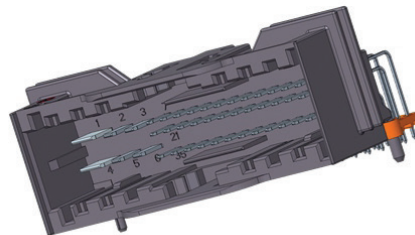
Contacts are manufactured both as bulk (singular) and also attached to carrier strips.



Custom projects

For processing in a THR (Through Hole Reflow) process.

Pancon uses engineered plastics that withstand the required higher temperatures in a dimensionally stable manner.

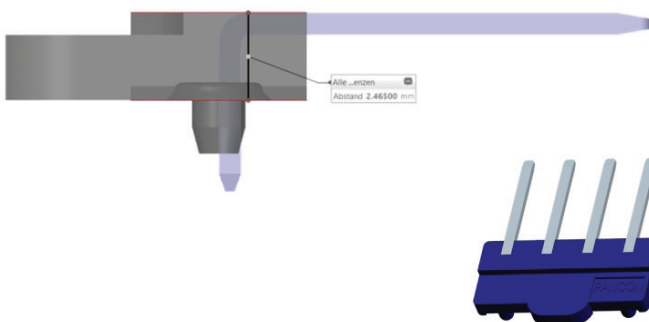


Custom projects

Low clearance (overall height limitations) of this product was decisive for the success of the project.

The contact width is 1,2 mm.

The connector is designed for reflow soldering.



MAS-CON

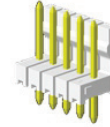
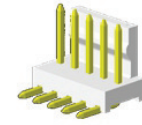
The MAS-CON series, Pancon offers male and female connectors including accessories in two different sizes.

The 100 pitch series and the 156 pitch series.

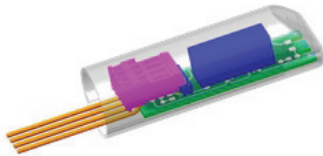
The designations are the distance of contacts in a row.

Series 100 has a pitch of 0.100 inches (2.54mm) and the 156 series is 0.156 inches (3.98mm) apart.

Both are available in common grid dimensions known in the electrical interconnect industry.

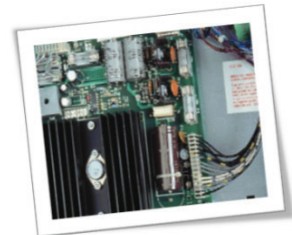
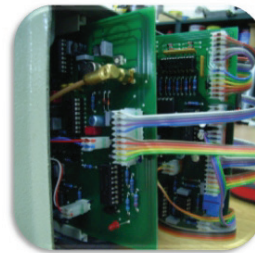


Contacting sensor applications



Control for urea injection

Wiring of printed circuit boards



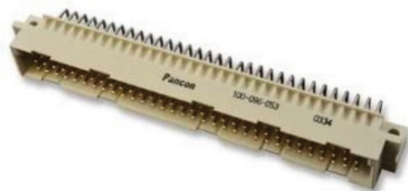
HI-CON

The HI-CON series was developed over 30 years ago. These connectors are manufactured to the following standards:

- DIN EN 60 603-2
- DIN 41612
- IEC 60 603-2

HI-CON products are used to connect different electronic assemblies in standard sizes.

These connectors are used in PCB, backplane, and computer bus applications.

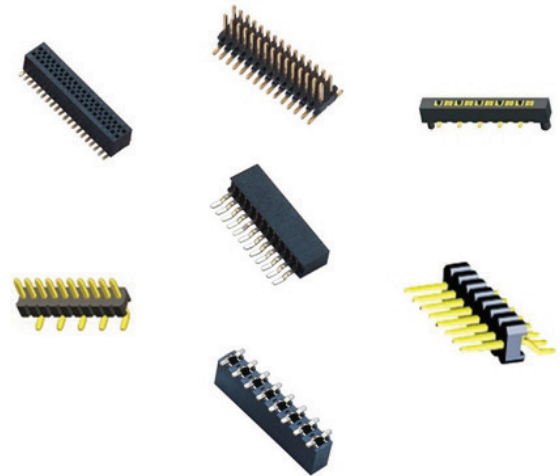


BOARD-CON

The BOARD-CON series includes board-to-board connector systems (pin and socket terminals) in varying designs and pitches.

Grid dimensions:

0,8mm / 1,00mm / 1,27mm / 2,00mm
2,50mm / 2,54mm / 3,96mm / 4,20mm / 5,08mm



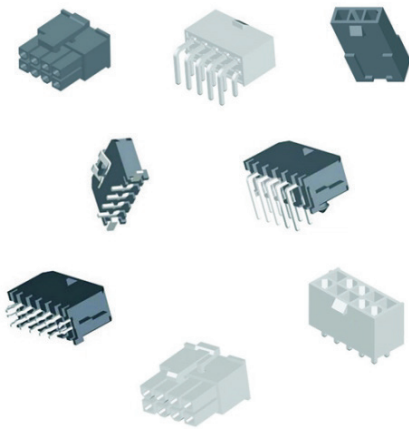
CRIMP-CON

The CHRIMP-CON series is Pancon's version of crimp-and-poke connectors with crimp pin and socket contacts.

The product line currently consists of three different grid dimensions and housing designs.

Grid dimensions:

3,00 mm / 4,20 mm / 5,08 mm



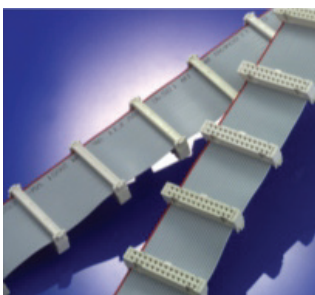
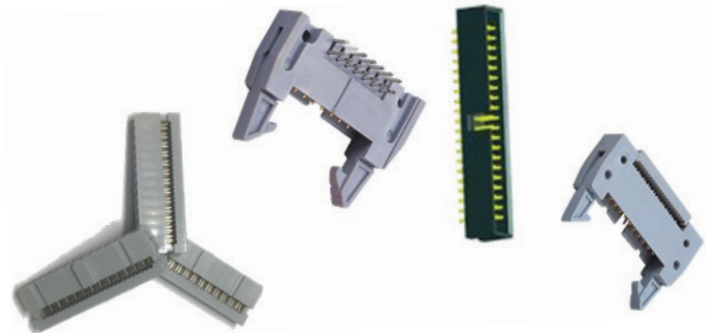
LAT-CON

The LAT-CON connector family is designed for use on printed circuit boards in connection with ribbon cables.

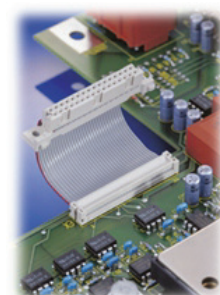
Pancon offers both female and male connectors in various sizes. (Pancon does not offer wire and cable)

Grid dimensions:

1,27mm / 2,54mm



Interconnect solutions for multiple PCB machine connections



Flexible circuit board connections

Pancon processing tools

To make the assembly termination process easy and affective for our connector products, Pancon has a portfolio of tools adapted to the individual needs of customers and their connector needs.

Pancon offers:

Socket tools

PTP001/ZHS

MMIT

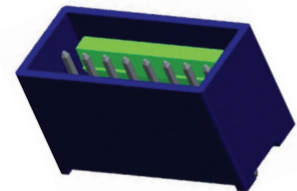
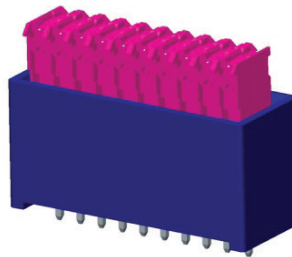
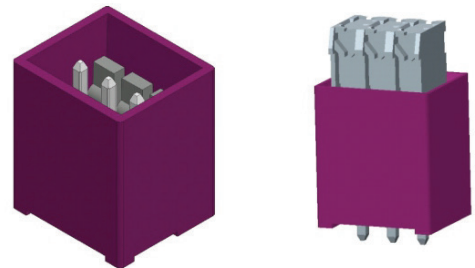
MCT

PCT-D



Connector solution for shower toilets

Extra box header for potting the connectors.



Customized MAS-CON solution for heating and ventilation applications

