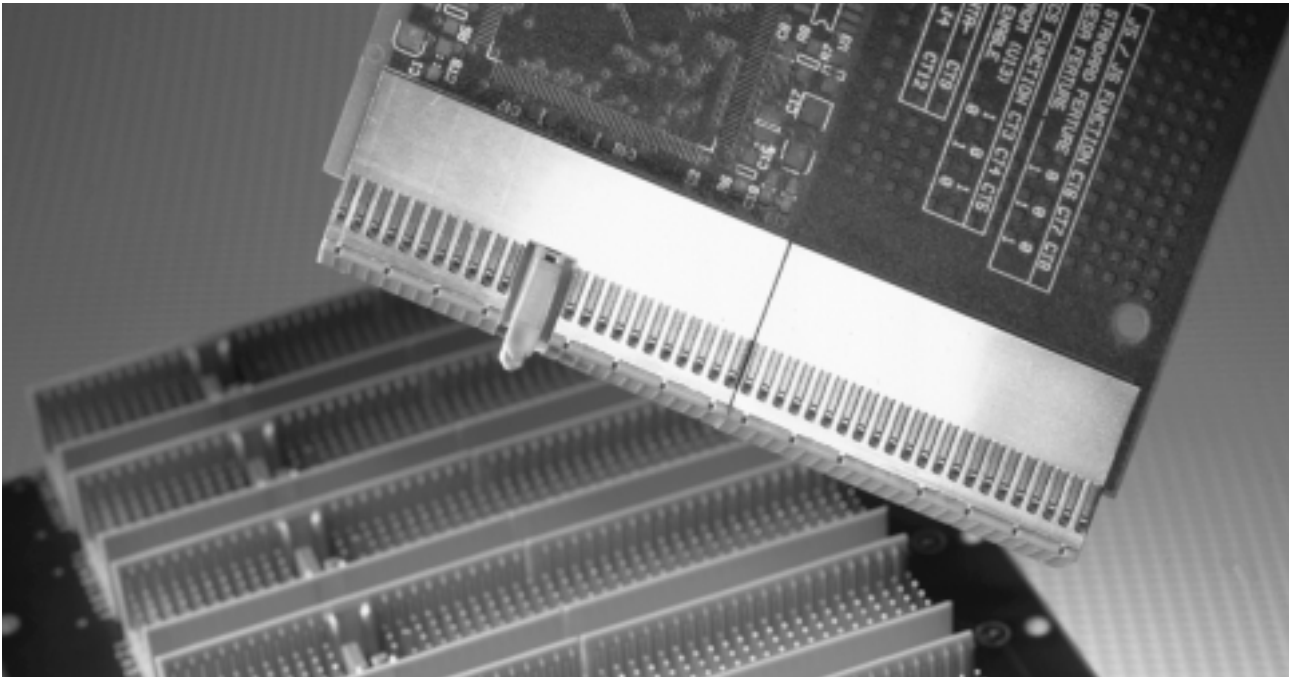


## ERmet 2mm Hard Metric Connectors

## ERmet 2mm Hard Metric Connectors



### Introduction

The ERmet 2mm H.M. connector line from ERNI offers unparalleled performance and flexibility for today's high performance circuit designs. Since its introduction in 1993, this product line has expanded and now offers almost every module configuration possible in a board to backplane interconnect system. Standard and reverse configurations are available including shielded vertical females, stacking designs, stamped power connectors and cable systems. This connector system has now become the standard for board to backplane applications.

The ERmet 2mm H.M. connector system has achieved widespread acceptance and popularity as the interconnect system chosen for CompactPCI. It is also widely used by OEMs serving the telecommunications and networking industry segments. It has achieved this unparalleled acceptance due to its high frequency performance, its wide selection of modular components and its cost-benefit ratio. This connector is supported by one of the industry's most comprehensive international connector standards, IEC 61076-4-101.

Whether you are developing a new backplane, a high performance CPU or I/O card or integrating a sophisticated hybrid system, ERNI has anticipated your needs. The ERNI team stands ready to partner with you to develop the most efficient solution to your design challenge.

### Features

- Modular connectors with 2.0 mm signal contact pitch for backplanes and daughter cards.
- High density board to backplane connector system.
- Up to 8 signal rows plus two shield rows for optimum performance.
- Three levels of sequential mating for front or rear hot swap applications. 1.5 mm increments.
- 15 standard contacts available for any pin loading requirement.
- Complete line of complementary accessories to include stamped power connectors, color coded coding keys, latching shrouds, cable connectors, ground return shields, high frequency, and high power contacts.
- Superior female connector contact design provides a uniform signal path.
- Comply to the international standard IEC 61076-4-101.
- For networking, telecommunications, high performance computing and other demanding applications.