MINCO

BULLETIN FC-4

C20020925 © Minco 10-2002

Minco/Omnetics flex circuit interconnect solutions

Better design, better product

- Reliable flex circuits from Minco – single to multilayer and rigid-flex
- High density nano connectors from Omnetics Connector Corporation
- Single-source simplicity
- Reduced design time gets your product to production faster
- Ideal solution for military, medical and hi-rel industrial applications

The fusion of Minco's state-of-the-art flex circuit production with high reliability, high density connectors from Omnetics can simplify your design, reduce your lead time and improve your product reliability.

Minco can work with many connector types from any source you specify, however, Omnetics is a *select supplier*. Direct engineer-to-engineer communications between our companies allow us to design circuits that meet your requirements, reduce your parts count and simplify your assembly.

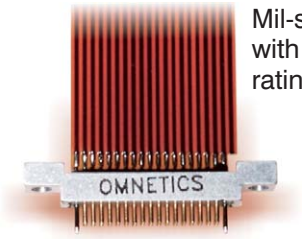
You can specify flex circuits from Minco with connectors installed, soldered and overmolded. Or, specify the connector and we'll build the flex to match it. We can also optimize a flex termination for connectors while leaving the installation to you.



Design hi-rel interconnects with Minco flex circuits and Omnetics connectors.

Connector specifications

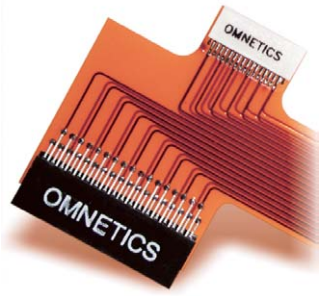
Pin density: 0.025" pitch, maximum 2 rows x 44 pins per row, circular forms also available)
Current rating: Maximum 1.0 amp per terminal
Dielectric strength: 350 volts pin-to-pin
Maximum temperature: 200°C (aluminum shell)
Mounting configurations: Vertical or horizontal, surface mount or thru-hole; in-line edge card
Qualification: Mil-PRF-83513 (selected models)
Outgassing: Meets limits of NASA / GSFC 1124
Contact resistance: 0.015Ω maximum
Pin material: Beryllium copper



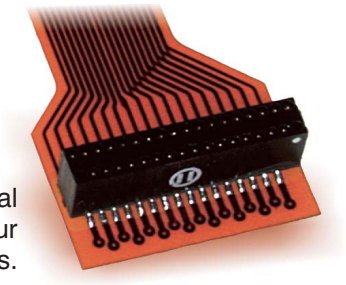
Mil-spec connectors with temperature ratings to 200°C.



Round form connectors for surface mount installation.



Up to 44 pins in less than half the space of an 0.050" connector!



Vertical or horizontal mounting to fit your designs.

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