

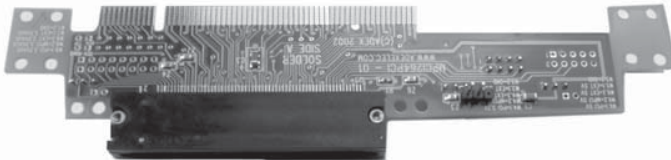
PCI BUS EXTENDER CARD CONNECTORS - PROTOTYPING ADAPTER

PN: ET-101913-003



↑
64 Bit 5V PCI Connector mounted to
PCI Bus Extender Card.

PN: ET-102639-001



↑
mini PCI Connector mounted to
Intel PCI Bus Extender Card.*

* mini PCI Connectors can be mounted for other manufacturers' PCI Bus Extender Cards/

| Contact Specifications | |
|---|---|
| Self Inductance | 5.2nh < 500 MHZ |
| Mutual Inductance | < .75 db @ 1 GHz |
| Ground Capacitance | < .87 pf |
| Mutual Capacitance | < .71 pf |
| Current | 3 Amp Continuous |
| Height | 13 mm (0.79") |
| Force | 20-30 g/contact |
| Typical Life | 20-50K insertions |
| Composition and Plating Specifications | |
| Contact Base Material | Beryllium copper with ~ 150 μ in electroless NI and ~35-50 μ in hard alloy AU |
| Housing and Frame Specifications | |
| Material | 30% Glass filled Torlon 5030, Ultem 2300, LCP |

The specifications for these cards is preliminary. Performance will vary based on application and compliance requirements.

DESIGNED AS A DROP IN REPLACEMENT FOR STANDARD EXTENDER CARDS

These LIF Edge Cards are standardized, low-cost, high insertion count designs that provide an alternative to customized, high-priced, long-lead-time connectors, or low cost short insertion life commercial connectors with high insertion forces. These contacting systems are available for a wide range of standard package sizes and I/O counts and provide significant benefits to the user.

These Edge Cards are specifically designed for PCI devices with the following characteristics:

- Low Insertion Force
- Long Mechanical Life
- Straddle Mount
- Solder attach or Solder-less versions
- Replaceable Keys

Mounting these LIF (Low Insertion Force) connectors to PCI Bus Extender Cards enables them to be plugged directly into a standard commercial PCI connector.

FEATURES & BENEFITS

- Pre-designed footprints for standard-dimensioned packages shorten manufacturing lead times
- The standard designs reduce costs associated with custom engineering
- Connectors are quickly and easily changed
- Cost effective solution for development, debugging, test qualification or evaluation
- Topside decoupling pockets allow close decoupling, reducing ground bounce and overshoot
- Solderless or solder down, SMT inserts can easily and rapidly be changed reducing costs associated with board and device work
- Available for in 3V or 5V
- 32-bit PCI available

NOTE: 2 piece minimum order required for both PCI extender cards.

For a additional information, specifications, pricing and delivery information, please see:

Web Link: www.1800adapter.com/004