XMULTIPLE

PCI EXPRESS – 36/64/98/164 PIN

PCI Express Connectors

FEATURES:

- High-temperature thermoplastic housing
- High density centerline contact spacing
- Positive board-to-connector registration
- Maximum mating performance
- Keying design for easy/correct mating of edge card
- Contact resistance: 30 milliohms max.
- Complies with industry specification

APPLICATIONS:

- Desktop Computers and Server
- Routers and Switches

OVERVIEW:

PCI Express (**Peripheral Component Interconnect Express** is abbreviated as **PCIe. PCIe**, is a computer expansion bus standard designed to replace the older PCI, PCI-X, and AGP bus standards. PCIe has numerous improvements over the prior bus standards. The improvements include higher maximum system bus throughput, lower I/O pin count and smaller physical footprint, better performance-scaling for bus devices, a more detailed error detection and reporting mechanism (Advanced Error Reporting (AER), and native hot plug functionality. More recent revisions of the PCIe standard support hardware I/O virtualization. The PCIe electrical interface is also used in a variety of other standards, most notably Express Card, a laptop expansion card interface. Format specifications are maintained and developed by the PCI-SIG (PCI Special interest Group), a group of more than 900 companies that also maintain the conventional PCI specifications. PCIe 3.0 is the latest standard for expansion cards that is in production and available on mainstream personal computers and backplane blade servers.

ORDERING INFORMATION:

PART NO.X	Description
XPCI- 036	36 Pin PCI Express Connector
XPCI- 064	64 Pin PCI Express Connector
XPCI- 098	98 Pin PCI Express Connector
XPCI- 164	164 Pin PCI Express Connector

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