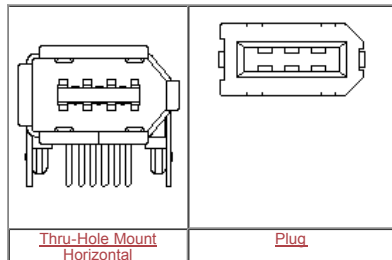
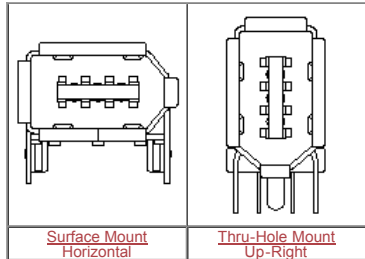


IEEE 1394 "FireWire" Plug & Socket

Horizontal and Vertical Mounting Styles

Available in Surface Mount and Thru-Hole Configurations



The IEEE 1394 "FireWire" bus is a Hi-Speed digital connection. It can be used to connect most electronic devices together over a single wire. This design is capable of becoming **the** universal connection between any device.

FEATURES

- Tin Lead Plated solder tails for excellent solderability
- Gold Plated contacts for low contact resistance and excellent reliability

Plug:

- Modular design allows easy and fast assembly of components
- Integrated strain relief - crimps to wire insulation

Socket:

- Surface Mount or Thru-Hole Mount Technology for electrical connections
- Snap-In PC tails hold connector in position for wave soldering

DESIGN ADVANTAGES

Superfast Data Transfer: Current speeds of 100Mbps, 200Mbps and 400Mbps, and roadmapped to 1GB per second (Gbps).

Daisy Chaining: Up to 63 devices, each one acts as an active repeater on the bus, with a maximum of 16 repeats.

Port Expansion: Alleviates restriction of limited COM Ports and available IRQ's.

Wide Bandwidth: Digital interface designed for high speed applications for PC peripherals, consumer electronics and communications. Delivers services like Digital Video and Data without analog conversion.

Simple Connections: True Plug and Play - no jumpers, DIP Switches or IRQ's to set.

Hot Swapping: Allows peripherals to be connected or disconnected without turning off computer.

Highly Versatile Bus: One bus can handle a variety of devices operating at different speed classes for true backwards compatibility.

Self-configuring: Operates unsupervised and in asynchronous or isochronous data streams to communicate real time data transport on one bus.

Standard Digital Interface: Allows consumer electronics and computer devices to communicate together on one interface.

DEVICE APPLICATIONS

- Digital Cameras
- Digital VCRs
- Digital Camcorders
- DVD Players
- Broadcast TV
- Stereos
- DV Editing
- Printers
- Cable TV
- Hard Disks
- Computers
- Internet

For detailed drawings, specifications and applications data, [Contact Us](#) by e-mail or please contact our Customer Service Department at (800) 221-5510 or (718) 956-8900 or by Fax (718) 956-9040.

Availability is from stock through Keystone's [Global Distributor Network](#). Application engineering services are available to meet special customer requirements.

Refer to Keystone's Catalog M55 for our complete product offering and specifications.