

# STANDARD COMPUTER BRACKETS

Designers' Choice



Note: For panel cutout dimensions see page 64

9 PIN	EISA/ISA	<p>CUTOUT TYPE 9 1.470 1.962 REF.</p> <p>CAT. NO. 9200-1 For Bracket Dimensions Refer To Cat. No. 9200</p>	<p>CUTOUT SCSI 1 50 PIN .088 .800 1.715 REF.</p> <p>CAT. NO. 9200-6 For Bracket Dimensions Refer To Cat. No. 9200</p>	SCSI 1
	PCI	<p>CUTOUT TYPE 9 1.707 2.199 REF.</p> <p>CAT. NO. 9200-2 For Bracket Dimensions Refer To Cat. No. 9200</p>	<p>CUTOUT SCSI 1 68 PIN .088 .920 2.060 REF.</p> <p>CAT. NO. 9200-7 For Bracket Dimensions Refer To Cat. No. 9200</p>	
15 PIN	EISA/ISA	<p>CUTOUT TYPE 15 2.295 2.950 REF.</p> <p>CAT. NO. 9200-3 For Bracket Dimensions Refer To Cat. No. 9200</p>	<p>CUTOUT SCSI 2, 3 OR 4 50 PIN .075 1.509 2.424 REF.</p> <p>CAT. NO. 9200-8 For Bracket Dimensions Refer To Cat. No. 9200</p>	SCSI 2, 3 & 4
	EISA/ISA	<p>CUTOUT TYPE 25 1.883 2.808 REF.</p> <p>CAT. NO. 9200-4 For Bracket Dimensions Refer To Cat. No. 9200</p>	<p>CUTOUT SCSI 2, 3 OR 4 68 PIN .080 .982 2.122 REF.</p> <p>CAT. NO. 9200-9 For Bracket Dimensions Refer To Cat. No. 9200</p>	
SOUND	EISA/ISA	<p>.280 DIA. HOLE (3) PLS CUTOUT TYPE 15 1.975 1.550 .525 .335 2.404 3.060 REF.</p> <p>CAT. NO. 9204-1 For Bracket Dimensions Refer To Cat. No. 9204</p>	<p>.640 2.305 .480 1.765 .500</p> <p>CAT. NO. 9203-1 For Bracket Dimensions Refer To Cat. No. 9203</p>	MODEM
	A/V	<p>270 DIA. HOLE (2) PLS .450 DIA. HOLE (2) PLS 3.200 2.810 1.070 .585 1.493 1.985 REF.</p> <p>CAT. NO. 9201-1 For Bracket Dimensions Refer To Cat. No. 9201</p>	<p>1.043 1.445 .478 .500</p> <p>CAT. NO. 9202-1 For Bracket Dimensions Refer To Cat. No. 9202</p>	
USB	EISA/ISA or PCI	<p>2.185 1.160 .530 .595 .255 .128 DIA. HOLE (4) PLS</p> <p>CAT. NO. 9200-10 For Bracket Dimensions Refer To Cat. No. 9200</p>	<p>.150 DIA. HOLE (3) PLS 2.110 1.910 1.710 .650 .835 .550 .302</p> <p>CAT. NO. 9203-2 For Bracket Dimensions Refer To Cat. No. 9203</p>	NETWORK



Designers' Choice

# IEEE 1394 PLUGS & SOCKETS

## HI-SPEED SERIAL BUS – IEEE 1394 SOCKETS

"FIREWIRE"



### THE HI-SPEED "JACK" FOR THE 21ST CENTURY

#### FEATURES

- Snap-In PC tails hold connector in position for soldering
- Tin Lead Plated solder tails for excellent solderability
- Gold Plated contacts for low contact resistance and excellent reliability

#### SPECIFICATIONS

Shell: Phosphor Bronze  
 Insulator: Thermoplastic, Rated UL 94V-0  
 Contacts: Phosphor Bronze  
 Plating:  
 Contact Area: Gold Flash over Nickel  
 Solder Tails: Tin Lead over Nickel

#### ELECTRICAL CHARACTERISTICS

Rated Voltage: 30VAC (RMS)  
 Contact Current Rating: 1 Amp DC max.  
 Contact Resistance: 15 mΩ  
 Insulation Resistance: 1000 MΩ min.  
 Dielectric Withstanding Voltage:  
 750V AC for 1 minute  
 Operating Temperature:  
 32°F (0°C) to 104°F (40°C)  
 Capacitance: 2pF max.

#### DESIGN ADVANTAGES

**Superfast Data Transfer:** Current speeds of 100Mbps, 200Mbps and 400Mbps, and roadmapped to 1GB to 3.2 Gbps per second  
**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:** Operates in asynchronous or isochronous data streams. Digital interface designed for high speed applications for PC peripherals, consumer electronics and communications.

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

#### DEVICE APPLICATIONS

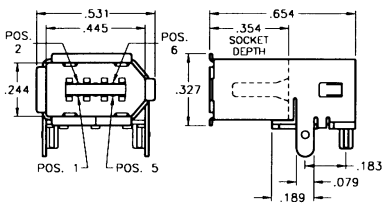
- Broadcast TV
- Cable TV
- Digital Camcorders
- Digital Cameras & VCRs
- Computers & Hard Disks
- DVD Players
- Printers & Monitors
- Stereos

#### MECHANICAL CHARACTERISTICS

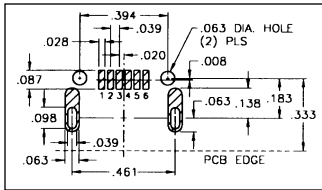
Durability: >1500 cycles  
 Mating Force: 35 Newtons max.  
 Withdrawal Force: 10 Newtons min.

#### SURFACE MOUNT

##### HORIZONTAL



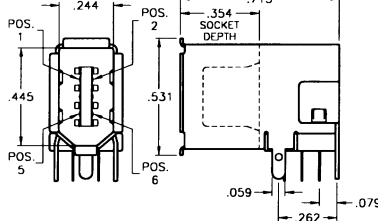
##### Mounting Detail



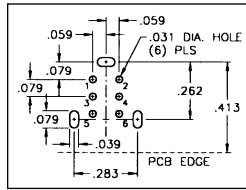
CAT. NO. 927

#### THRU-HOLE MOUNT

##### UP-RIGHT



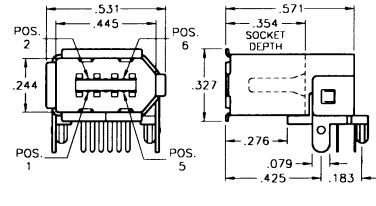
##### Mounting Detail



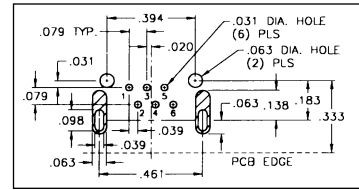
CAT. NO. 930

#### THRU-HOLE MOUNT

##### HORIZONTAL



##### Mounting Detail



CAT. NO. 929

## IEEE 1394 PLUG

"FIREWIRE"



#### FEATURES

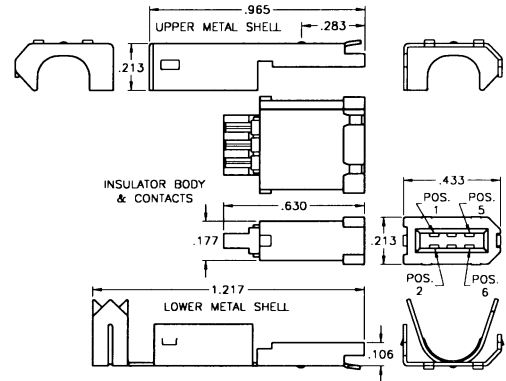
- Modular design allows easy and fast assembly of components
- Integrated strain relief - crimps to wire insulation
- Tin Lead Plated solder tails for excellent solderability
- Gold Plated contacts for low contact resistance and excellent reliability

#### SPECIFICATIONS

Shell: Phosphor Bronze  
 Insulator: Thermoplastic, Rated UL 94V-0  
 Contacts: Phosphor Bronze  
 Plating:  
 Contact Area: Gold Flash over Nickel  
 Solder Tails: Tin Lead over Nickel

#### ELECTRICAL CHARACTERISTICS

Contact Resistance: 30mΩ max.  
 Insulation Resistance: 100 MΩ min.  
 Withstanding Voltage: 500V ± 50V DC  
 Operating Temperature: 32°F (0°C) to 104°F (40°C)



CAT. NO. 928 (Supplied Unassembled)