



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# USB 2.0 PLUGS & SOCKETS

## SOCKET SPECIFICATIONS:

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

## PLUG SPECIFICATIONS:

**Shell:** Steel, Nickel Plate  
**Insulator:** Thermoplastic, Rated UL 94V-0  
**Contact:** Bronze, Gold Flash over Nickel

## ELECTRICAL CHARACTERISTICS

**Rated Voltage:** 30V (RMS)  
**Contact Current Rating:** 1 Amp DC max.  
**Contact Resistance:** 15 mΩ max.  
**Insulation Resistance:** 1000 mΩ min.  
**Dielectric Withstanding Voltage:** 750V AC for 1 minute

## MECHANICAL CHARACTERISTICS

**Operating Temperature:** -13°F (-25°C) to +176°F (+80°C)  
**Durability:** 1500 Cycles min.

## DEVICE APPLICATIONS

Ability to daisy chain more than one input device

- Mouse/Keyboards
- MP3 Players
- Printers/Scanners
- Digital Cameras/Video
- Memory Sticks
- PDAs and Cell Phones

## TYPE A SOCKETS

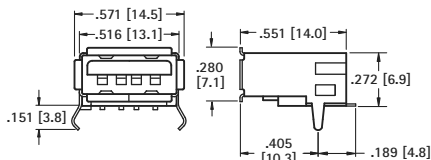
### SURFACE MOUNT

### HORIZONTAL

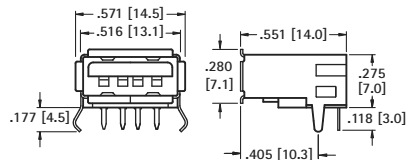
### THRU HOLE MOUNT

### VERTICAL

### DUAL STACKING

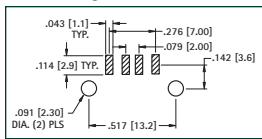


920



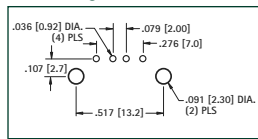
921

#### Mounting Detail Cat. No. 920

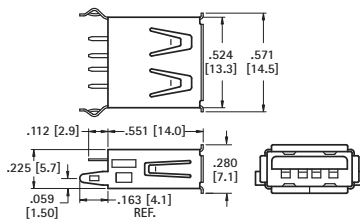


CAT. NO. 920

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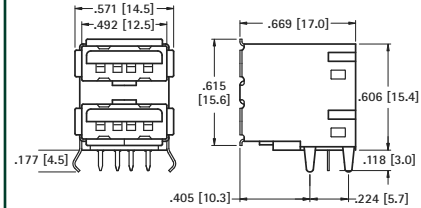
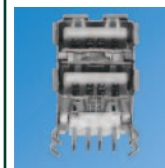
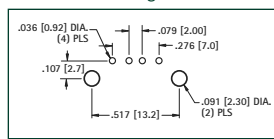


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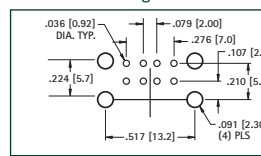
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#### Mounting Detail



CAT. NO. 922

#### Mounting Detail



## TYPE A PLUGS

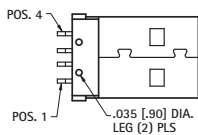
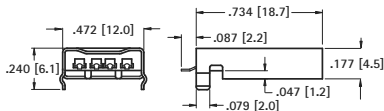
### FEATURES

- Available for on-board applications such as memory sticks
- Cable clamp style for creating custom cables
- Gold plated contacts for low contact resistance and excellent reliability

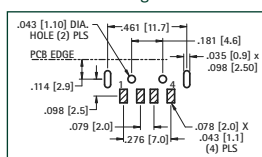
### SURFACE MOUNT

### THRU HOLE MOUNT

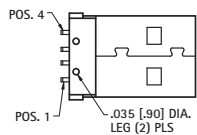
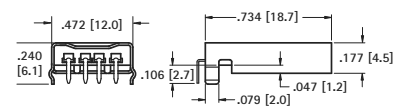
### CABLE PLUG



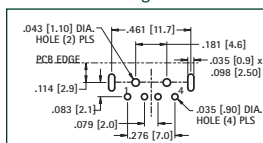
#### Mounting Detail



CAT. NO. 931



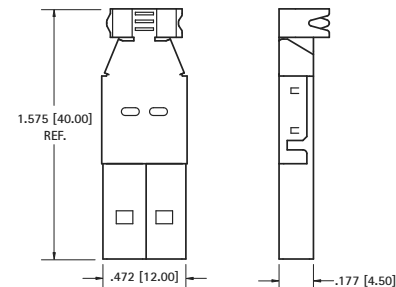
#### Mounting Detail



CAT. NO. 932



• Supplied unassembled



CAT. NO. 925