

# 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

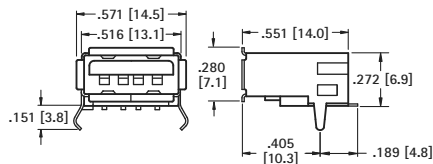
### SURFACE MOUNT

### HORIZONTAL

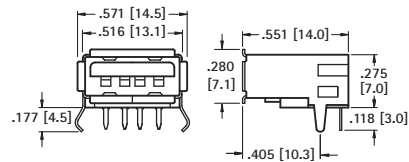
### THRU HOLE MOUNT

### VERTICAL

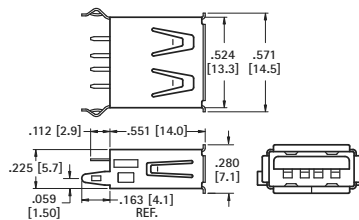
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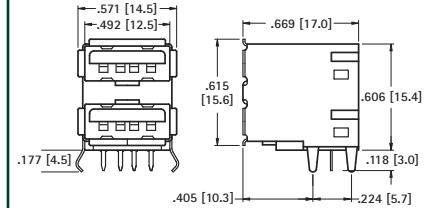
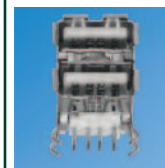
**920**



**921**

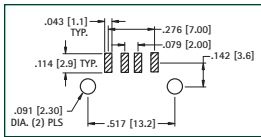


**CAT. NO. 923**



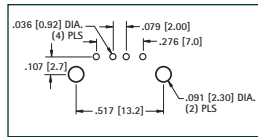
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### Mounting Detail Cat. No. 920



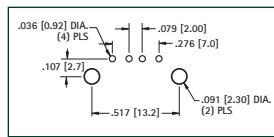
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### Mounting Detail Cat. No. 921



**CAT. NO. 921**

### Mounting Detail



## TYPE A PLUGS

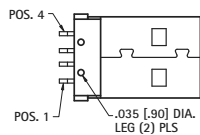
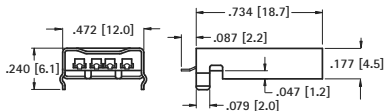
### FEATURES

- 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

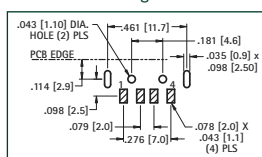
### SURFACE MOUNT

### THRU HOLE MOUNT

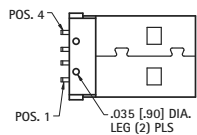
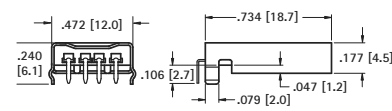
### CABLE PLUG



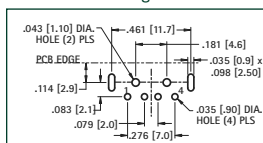
### Mounting Detail



**CAT. NO. 931**



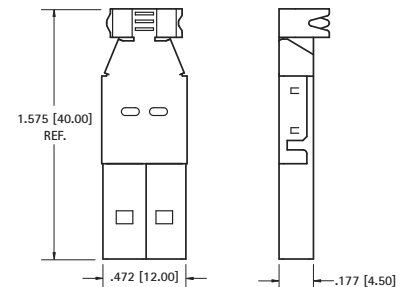
### Mounting Detail



**CAT. NO. 932**



• Supplied unassembled



**CAT. NO. 925**