

# UNIVERSAL SERIAL BUS PLUGS & SOCKETS

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

## 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.

## DESIGN ADVANTAGES

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

**Fast Data Transfer:** Up to 480 Mbps; 3-5 times faster than parallel devices and 20-40 times faster than serial ports.

**Daisy Chaining:** Up to a max. of 127 devices to the root hub

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

**Simple Connections:** True Plug and Play; No jumper, DIP Switches or IRQ's to set

**True Digital Audio:** Allows USB Speakers to BYPASS the sound card and receive true digital audio sound quality

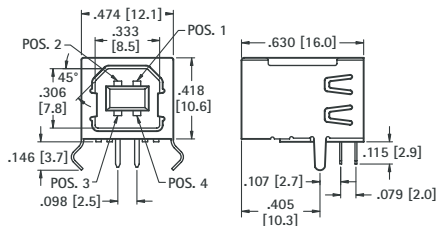
## DEVICE APPLICATIONS

Ability to daisy chain more than one input device

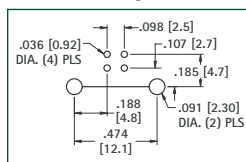
- Mouse/Keyboards
- MP3 Players
- Printers/Scanners
- Digital Cameras/Video
- Memory Sticks
- PDAs and Cell Phones

## USB B-SERIES SOCKETS/PLUGS

### THRU HOLE SOCKET

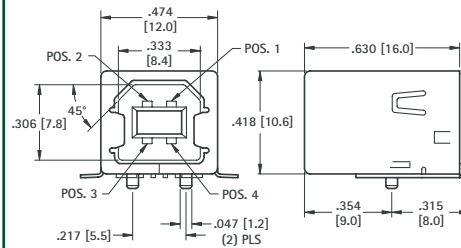


#### Mounting Detail

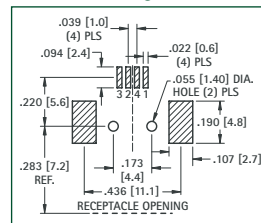


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### SURFACE MOUNT SOCKET

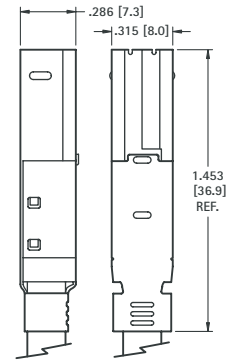


#### Mounting Detail



CAT. NO. 933

### CABLE PLUG



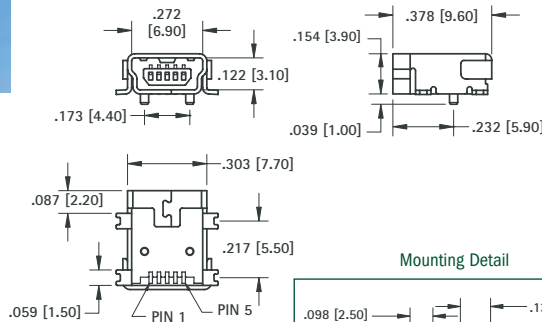
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## MINI-USB SOCKETS/PLUGS

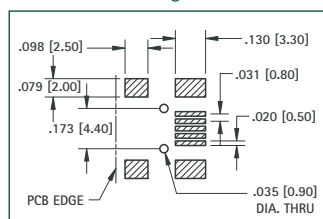
- Ideal for Miniature applications

### SURFACE MOUNT SOCKET

SUPPLIED ON TAPE AND REEL



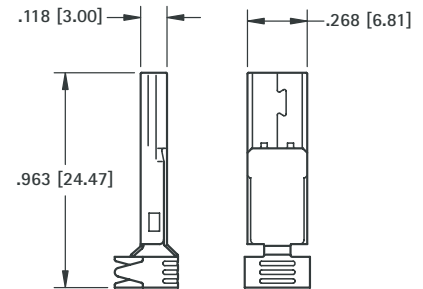
#### Mounting Detail



CAT. NO. 934TR

Tape & Reel Spec's: 24mm wide; 16mm pitch; 13 inch reel (800 pieces per reel)

### CABLE PLUG



CAT. NO. 935