

USB 2.0 PLUGS & SOCKETS

SOCKET SPECIFICATIONS:

Shell: Nickel Plate
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Copper Alloy
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

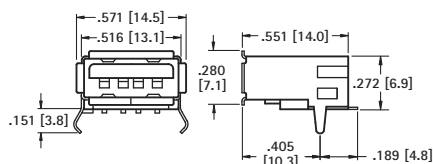
Operating Temperature: -13°F (-25°C) to +176°F (+80°C)
Durability: 1500 Cycles min.

DEVICE APPLICATIONS

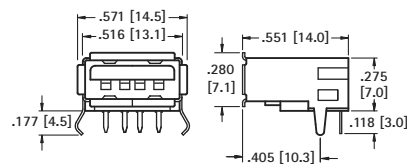
- Ability to daisy chain more than one input device
- Memory Sticks
 - Mouse/Keyboards
 - Printers/Scanners/Docking Stations
 - MP3/Audio Devices
 - Digital Video Cameras & Still Cameras
 - Portable Media Players
 - Gaming Headsets
 - Smart Phones/PDA's

TYPE A SOCKETS

SURFACE MOUNT



920



921

Mounting Detail Cat. No. 920



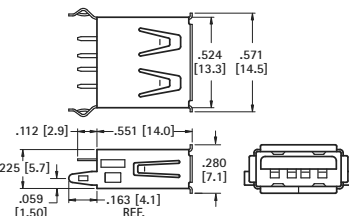
CAT. NO. 920

Mounting Detail Cat. No. 921



CAT. NO. 921

VERTICAL

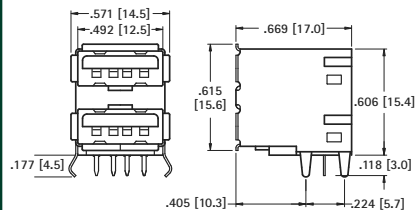


Mounting Detail



CAT. NO. 923

DUAL STACKING



Mounting Detail



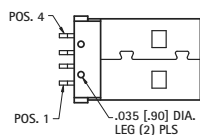
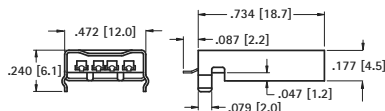
CAT. NO. 922

TYPE A PLUGS

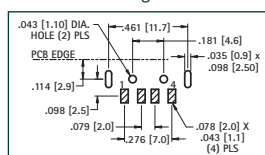
FEATURES

- 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

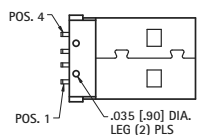
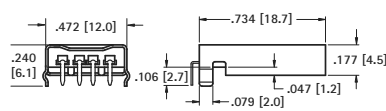


Mounting Detail

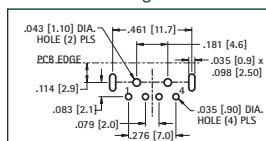


CAT. NO. 931

THRU HOLE MOUNT



Mounting Detail

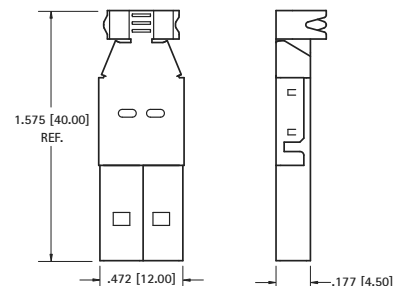


CAT. NO. 932

CABLE PLUG



- Supplied unassembled
- Ideal for custom cable cordsets



CAT. NO. 925

USB 2.0 PLUGS & SOCKETS

SOCKET SPECIFICATIONS:

Shell: Nickel Plate
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Copper Alloy
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

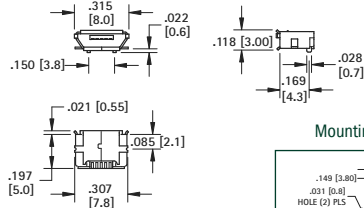
Ability to daisy chain more than one input device

- Memory Sticks
- Mouse/Keyboards
- Printers/Scanners/Docking Stations
- MP3/Audio Devices
- Digital Video Cameras & Still Cameras
- Portable Media Players
- Gaming Headsets
- Smart Phones/PDA's

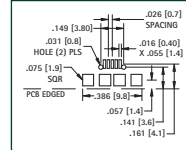
MICRO-USB TYPE B SOCKETS/PLUGS

SURFACE MOUNT SOCKET

AVAILABLE ON TAPE AND REEL



Mounting Detail



CAT. NO. 940 (Bulk)

CAT. NO. 940TR (Tape & Reel)

Tape & Reel Spec's: 24mm wide; 16mm pitch;
 13 inch reel (1000 pieces per reel)

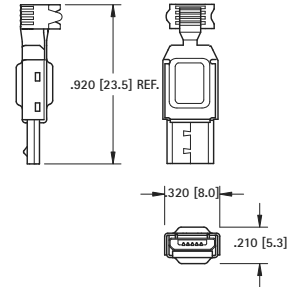
- Ideal for Miniature applications

CABLE PLUG



- Supplied unassembled
- Ideal for custom cable cordsets

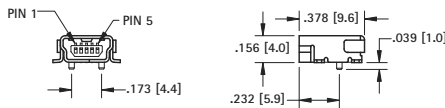
CAT. NO. 941



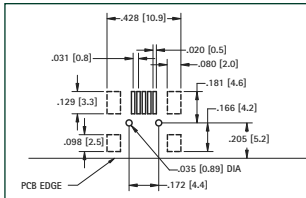
MINI-USB TYPE B SOCKETS/PLUGS

SURFACE MOUNT SOCKET

AVAILABLE ON TAPE AND REEL



Mounting Detail



CAT. NO. 934 (Bulk)

CAT. NO. 934TR (Tape & Reel)

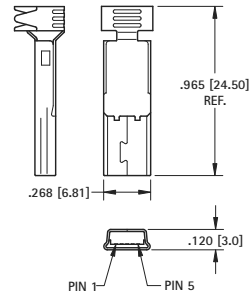
Tape & Reel Spec's: 24mm wide; 16mm pitch;
 13 inch reel (1000 pieces per reel)



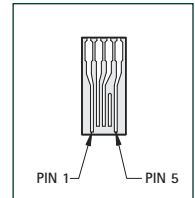
- Supplied unassembled
- Ideal for custom cable cordsets

CAT. NO. 935

CABLE PLUG

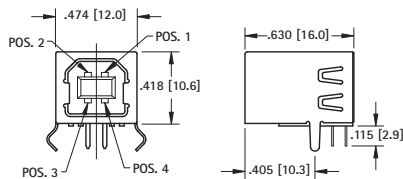


Wiring Detail

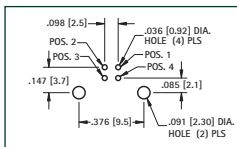


USB TYPE B SOCKETS/PLUGS

THRU HOLE SOCKET

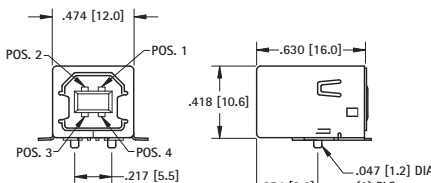


Mounting Detail

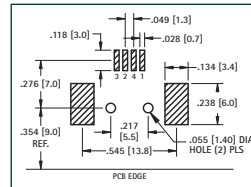


CAT. NO. 924

SURFACE MOUNT SOCKET



Mounting Detail

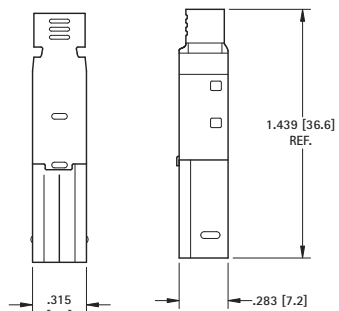


CAT. NO. 933

CABLE PLUG



- Supplied unassembled
- Ideal for custom cable cordsets



CAT. NO. 926

USB 3.0 & 3.1 SOCKETS & PLUGS

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.

USB 3.0 DESIGN ADVANTAGES:

Port Expansion: Alleviates restriction of limited COM Ports and available IRQ's
Compatibility: Backward compatible with USB 2.0 devices
Fast Data Transfer: Up to 4.8 Gbps; 10 times faster than USB 2.0 devices and 200 times faster than serial ports.

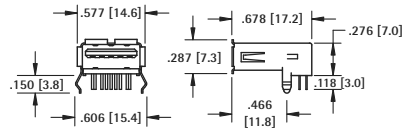
USB 3.1 DESIGN ADVANTAGES:

Compatibility: Backwards compatible with 2.0 & 3.0 (adaptor required)
Data Rates: Up to 10 Gbps; twice as fast as 3.0. Same connector on both sides of cable. No A & B style.

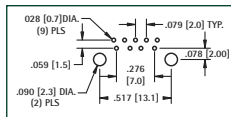
USB 3.0 TYPE A SOCKET & PLUG



THRU-HOLE MOUNT SOCKET



Mounting Detail



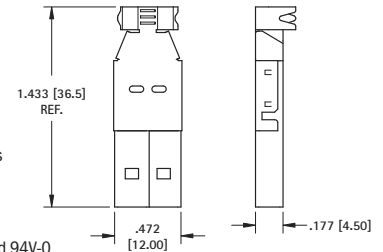
SOCKET SPECIFICATIONS:

Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 945



CABLE PLUG



- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS:

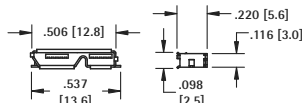
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 947

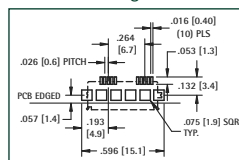
MICRO-USB 3.0 TYPE B SOCKET & PLUG



SURFACE MOUNT SOCKET



Mounting Detail



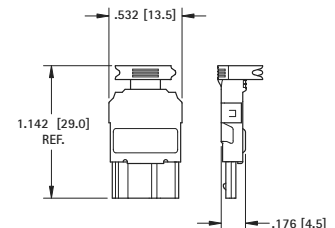
SOCKET SPECIFICATIONS:

Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 955



CABLE PLUG



- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS:

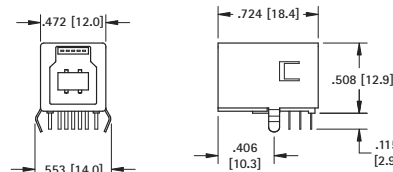
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 957

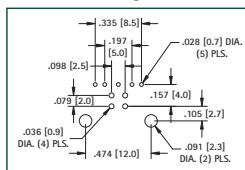
USB 3.0 TYPE B SOCKET & PLUG



THRU-HOLE MOUNT SOCKET



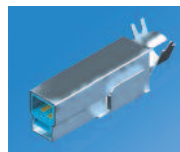
Mounting Detail



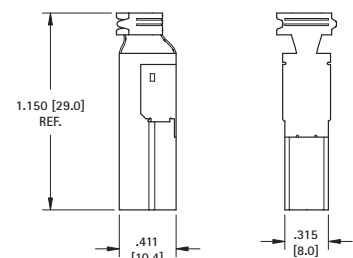
SOCKET SPECIFICATIONS:

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

CAT. NO. 950



CABLE PLUG



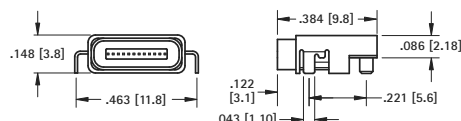
- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS:

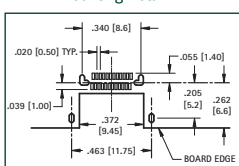
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 952

USB 3.1 TYPE C SOCKET & PLUG



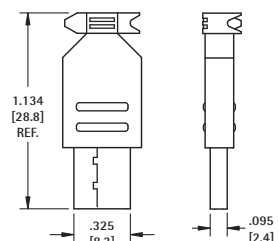
Mounting Detail



SOCKET SPECIFICATIONS:

Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Copper, Gold Plate (Flash)
Solder Tails: Copper Alloy, Tin Plate

CAT. NO. 953



- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS:

Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Plate (Flash)

CAT. NO. 954