

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

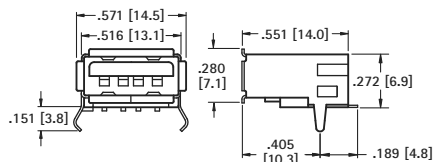
Operating Temperature: -13°F (-25°C) to +176°F (+80°C)
Durability: 1500 Cycles min.

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

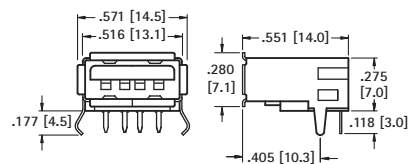
TYPE A SOCKETS

SURFACE MOUNT

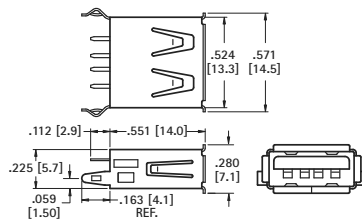


HORIZONTAL

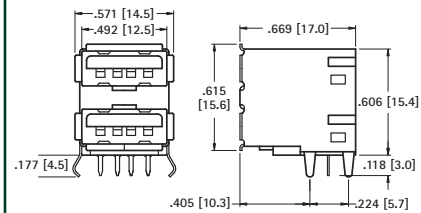
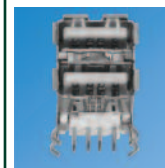
THRU HOLE MOUNT



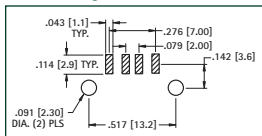
VERTICAL



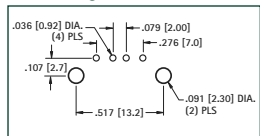
DUAL STACKING



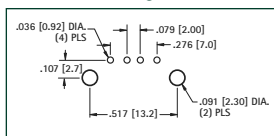
Mounting Detail Cat. No. 920



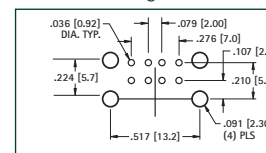
Mounting Detail Cat. No. 921



Mounting Detail



Mounting Detail



CAT. NO. 920

CAT. NO. 921

CAT. NO. 923

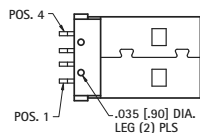
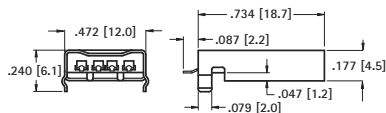
CAT. NO. 922

TYPE A PLUGS

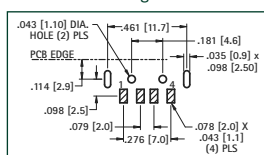
FEATURES

- 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

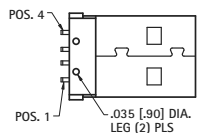
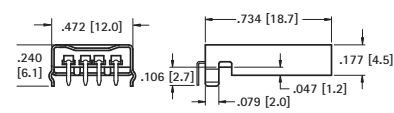


Mounting Detail

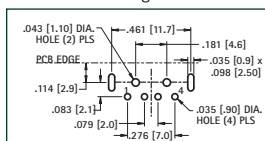


CAT. NO. 931

THRU HOLE MOUNT



Mounting Detail

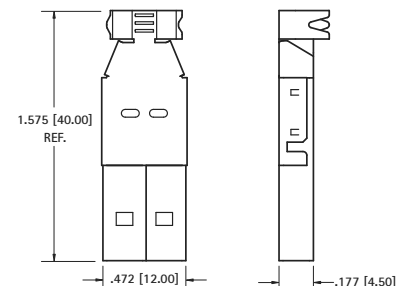


CAT. NO. 932

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

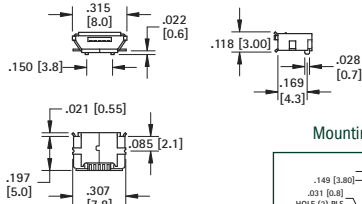
Ability to daisy chain more than one input device

- 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

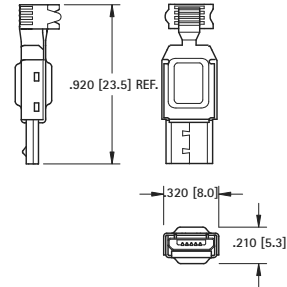


• Ideal for Miniature applications



• Supplied unassembled
 • Ideal for custom cable cordsets

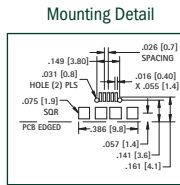
CABLE PLUG



CAT. NO. 940 (Bulk)

CAT. NO. 940TR (Tape & Reel)

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

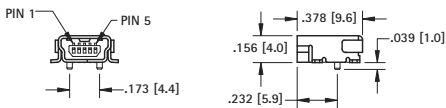


CAT. NO. 941

MINI-USB TYPE B SOCKETS/PLUGS

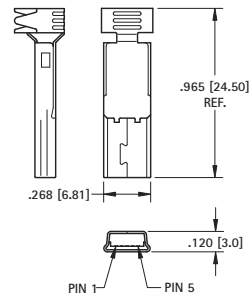
SURFACE MOUNT SOCKET

AVAILABLE ON TAPE AND REEL

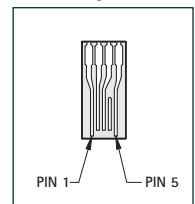


• Supplied unassembled
 • Ideal for custom cable cordsets

CABLE PLUG



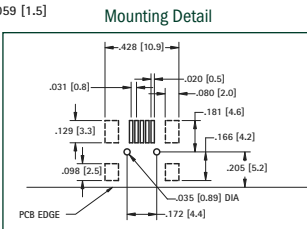
Wiring Detail



CAT. NO. 934 (Bulk)

CAT. NO. 934TR (Tape & Reel)

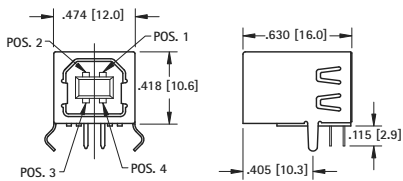
Tape & Reel Spec's: 24mm wide; 16mm pitch;
 13 inch reel (1000 pieces per reel)



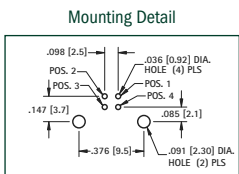
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USB TYPE B SOCKETS/PLUGS

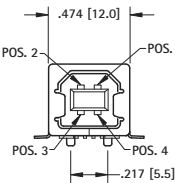
THRU HOLE SOCKET



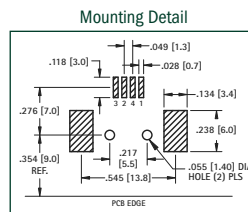
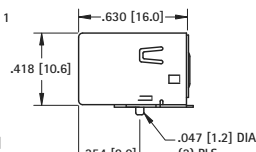
CAT. NO. 924



SURFACE MOUNT SOCKET



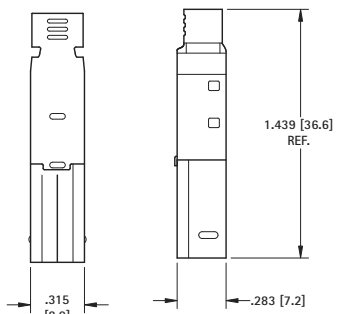
CAT. NO. 933



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.

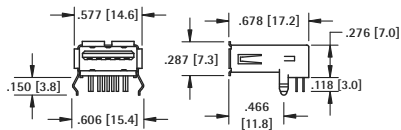
USB 3.1 DESIGN ADVANTAGES:

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.

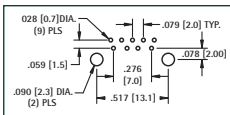
USB 3.0 TYPE A SOCKET & PLUG



THRU-HOLE MOUNT SOCKET



Mounting Detail



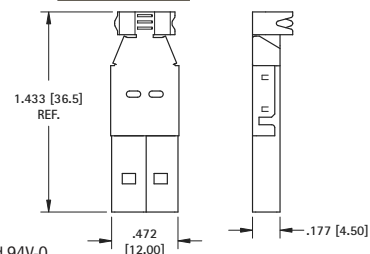
SOCKET SPECIFICATIONS:

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:

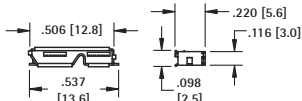
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 947

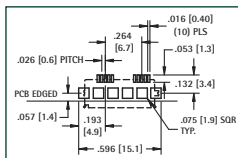
MICRO-USB 3.0 TYPE B SOCKET & PLUG



SURFACE MOUNT SOCKET



Mounting Detail



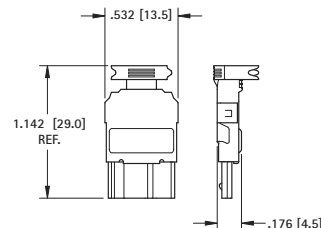
SOCKET SPECIFICATIONS:

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:

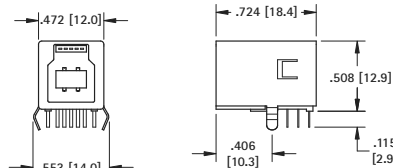
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 957

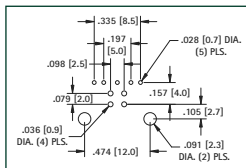
USB 3.0 TYPE B SOCKET & PLUG



THRU-HOLE MOUNT SOCKET



Mounting Detail



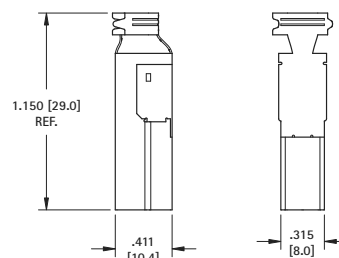
SOCKET SPECIFICATIONS:

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



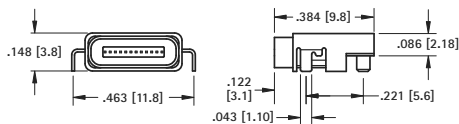
- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS:

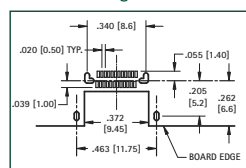
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 952

USB 3.1 TYPE C SOCKET & PLUG



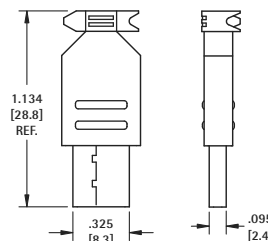
Mounting Detail



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

USB 3.0 & 3.1 SOCKETS & PLUGS