

USB 3.0 & 3.1 PLUGS & SOCKETS

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.

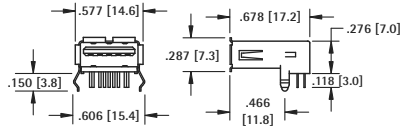
USB 3.1 DESIGN ADVANTAGES:

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.

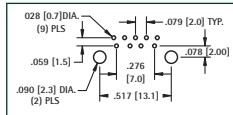
USB 3.0 TYPE A SOCKETS/PLUGS



THRU-HOLE MOUNT SOCKET



Mounting Detail



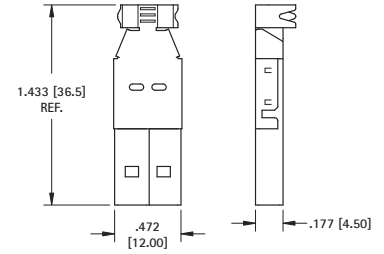
SOCKET SPECIFICATIONS:

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

CAT. NO. 945



CABLE PLUG



• Supplied unassembled

PLUG SPECIFICATIONS:

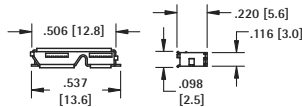
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 947

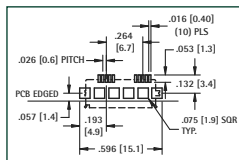
MICRO-USB 3.0 TYPE B SOCKETS/PLUGS



SURFACE MOUNT SOCKET



Mounting Detail



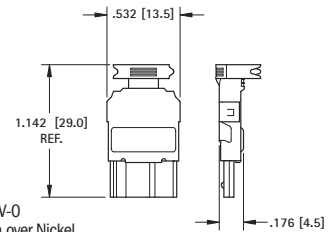
SOCKET SPECIFICATIONS:

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

CAT. NO. 955



CABLE PLUG



• Supplied unassembled

PLUG SPECIFICATIONS:

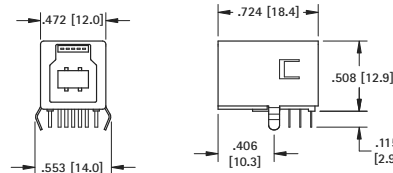
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 957

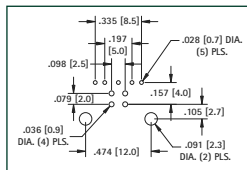
USB 3.0 TYPE B SOCKETS/PLUGS



THRU-HOLE MOUNT SOCKET



Mounting Detail



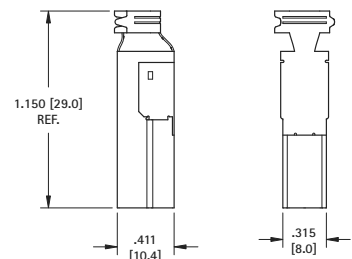
SOCKET SPECIFICATIONS:

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



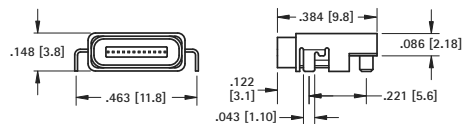
• Supplied unassembled

PLUG SPECIFICATIONS:

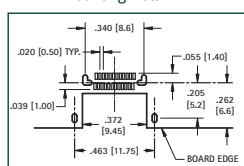
Shell: Steel, Nickel Plated
Insulator: Thermoplastic, UL Rated 94V-0
Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 952

USB 3.1 TYPE C SOCKET/PLUG



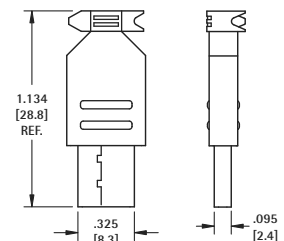
Mounting Detail



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



PLUG SPECIFICATIONS:

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

CAT. NO. 954