

USB, MINI USB, MICRO USB FIREWIRE & MINI FIREWIRE

INTRODUCTION:

Adam Tech USB, Mini USB & Micro USB (Universal Serial Bus) and IEEE 1394 (Firewire) Series connectors are a complete line of shielded, hot pluggable, high speed I/O interface connectors available in a variety of body styles, sizes, positions and mounting orientations. Each is shielded for superior EMI/RFI protection and features spring contacts for exceptional connectivity properties. Specially designed shells with flares eliminate misconnection and kinked boardlocks add a strong, stable PCB attachment. An ideal solution for a low cost, high speed connection to peripheral devices.

FEATURES:

USB-IF Compatible High Speed I/O applications Variety of Circuit sizes Variety of Body Styles Standard and Mini versions Shielded for EMI/RFI protection

MATING CONNECTORS:

Adam Tech USB, Mini USB & Micro USB and IEEE 1394 series connectors and all industry standard USB and IEEE 1394 connectors.

SPECIFICATIONS:

Material:

Standard insulator: PBT, Glass filled, rated UL94V-0 Optional Hi-Temp insulator: Nylon PA9T, rated UL94V-0 Insulator Color: Black (White optional) Contacts: Phosphor Bronze or Brass Shell: Steel, nickel plated

Contact Plating:

Gold over Nickel on mating area, Tin over Copper underplate on tails

Electrical:

Operating Voltage: 30V AC Current Rating: 1 Amp max. Contact Resistance: 30 m Ω max. Insulation Resistance: 1000 M Ω min. Dielectric Withstanding Voltage: 100V AC for 1 minute

Mechanical:

Insertion force: 3 oz max. Withdrawal force: 0.5 oz min.

Temperature Ratings:

Operating Temperature: -55°C to +85°C Soldering process temperature: Standard insulator: 235°C Hi-Temp insulator: 260°C

PACKAGING: Anti-ESD plastic trays or tubes

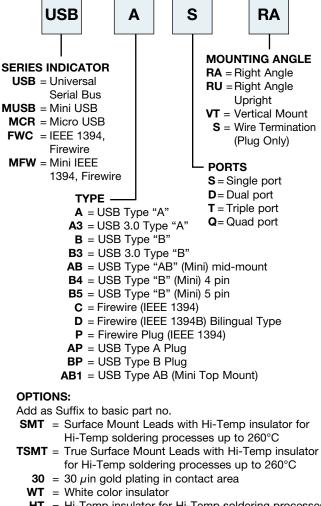
APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified, File no. E224053



UNIVERSAL SERIAL BUS & IEEE 1394 FIREWIRE USB & FWC SERIES





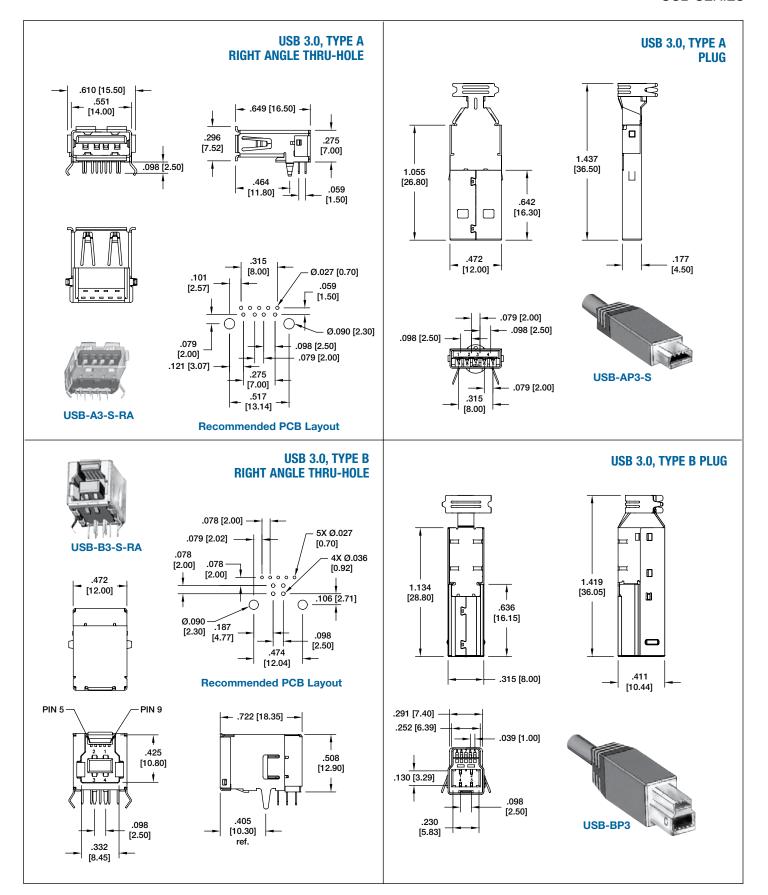
- HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C (Add this option for thru-hole products only. All SMT products are manufactured with Hi-Temp insulators)
- **T/R** = Tape & Reel packaging

USB 3.0 CONNECTOR





ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

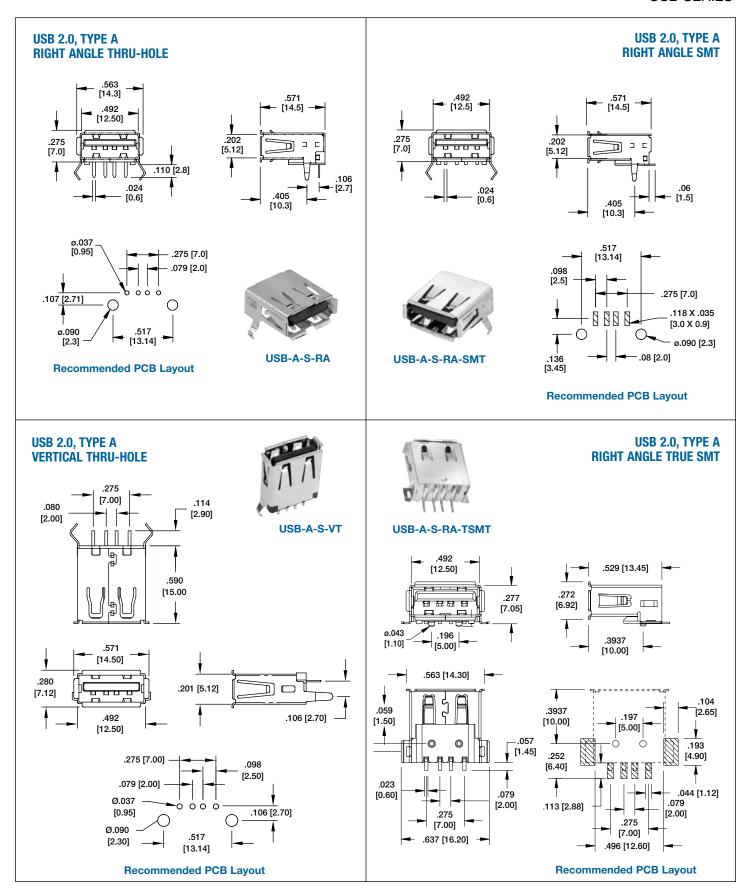


ADAM TECH

ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

USB 2.0 CONNECTOR TYPE A SINGLE PORT

USB SERIES



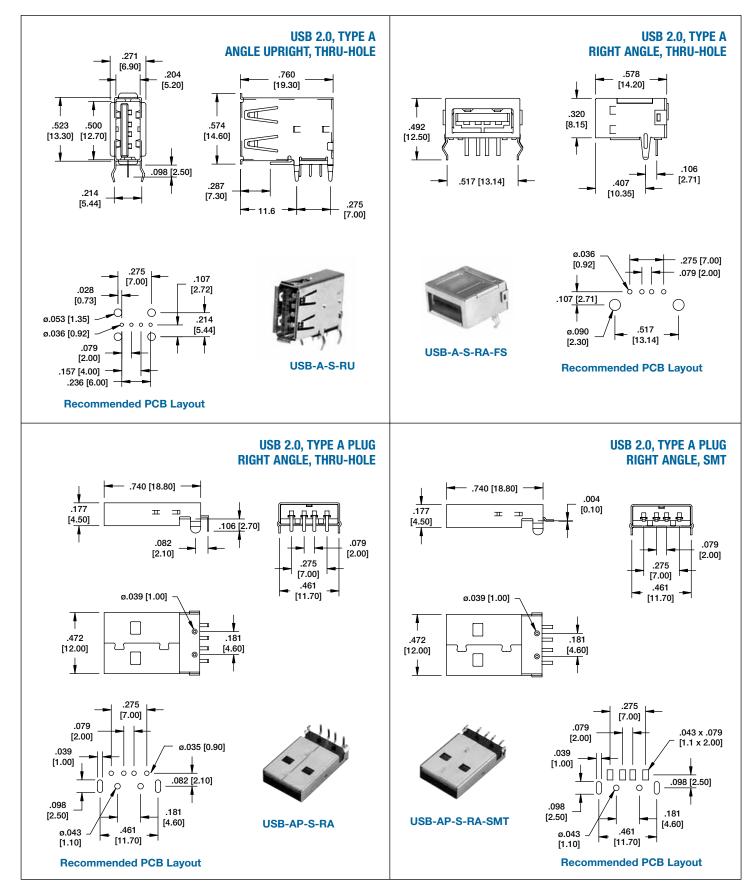
USB 2.0 CONNECTOR

TYPE A SINGLE PORT

USB SERIES



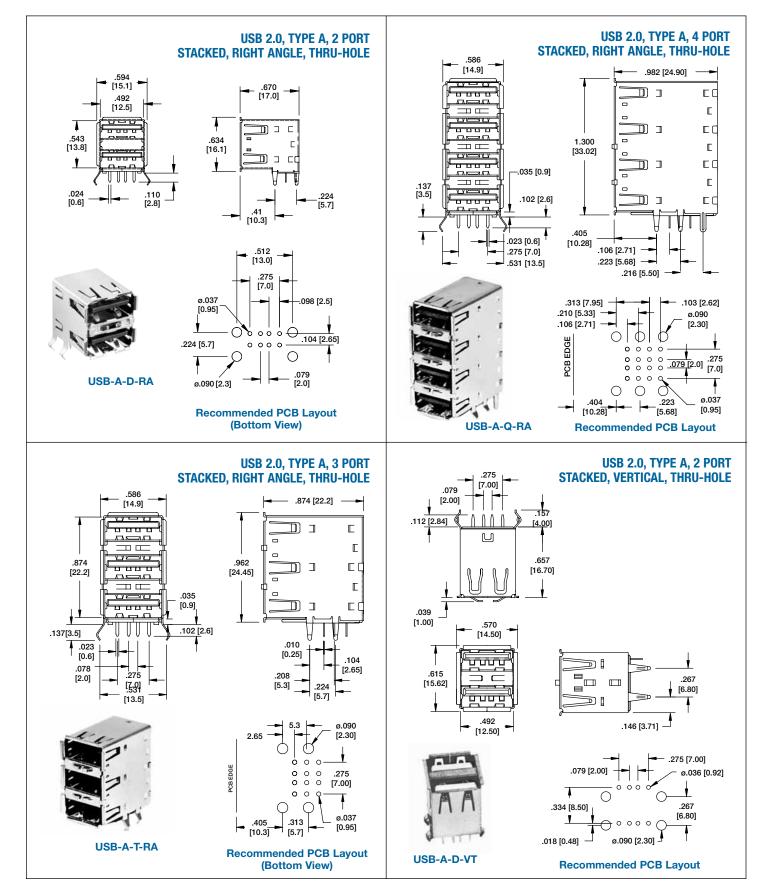
ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS



USB 2.0 CONNECTOR TYPE A STACKED PORTS USB SERIES



ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

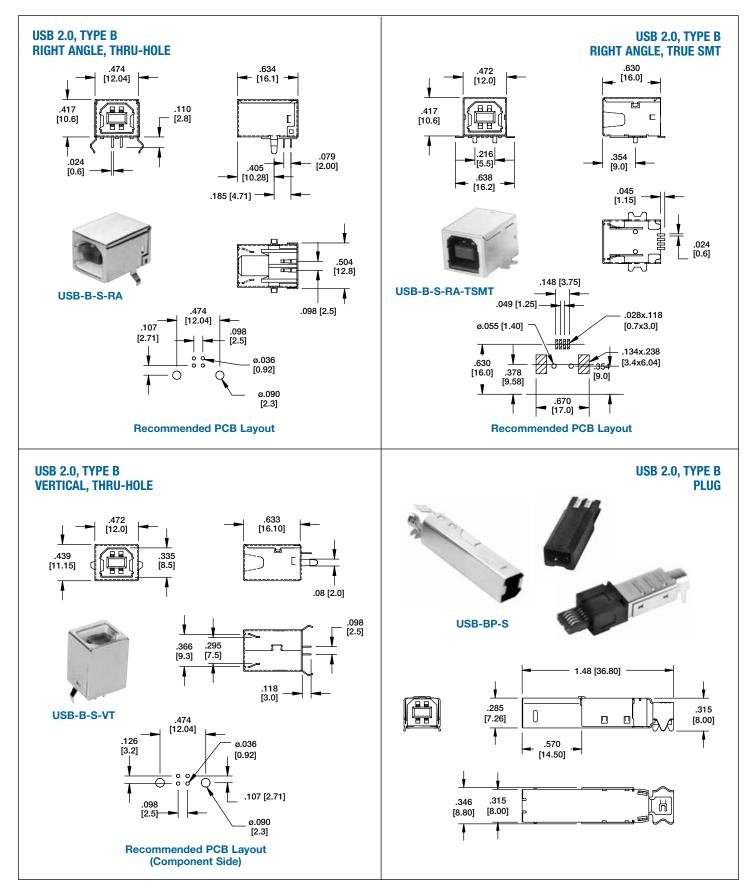




USB 2.0 CONNECTOR

TYPE B CONNECTOR & PLUG

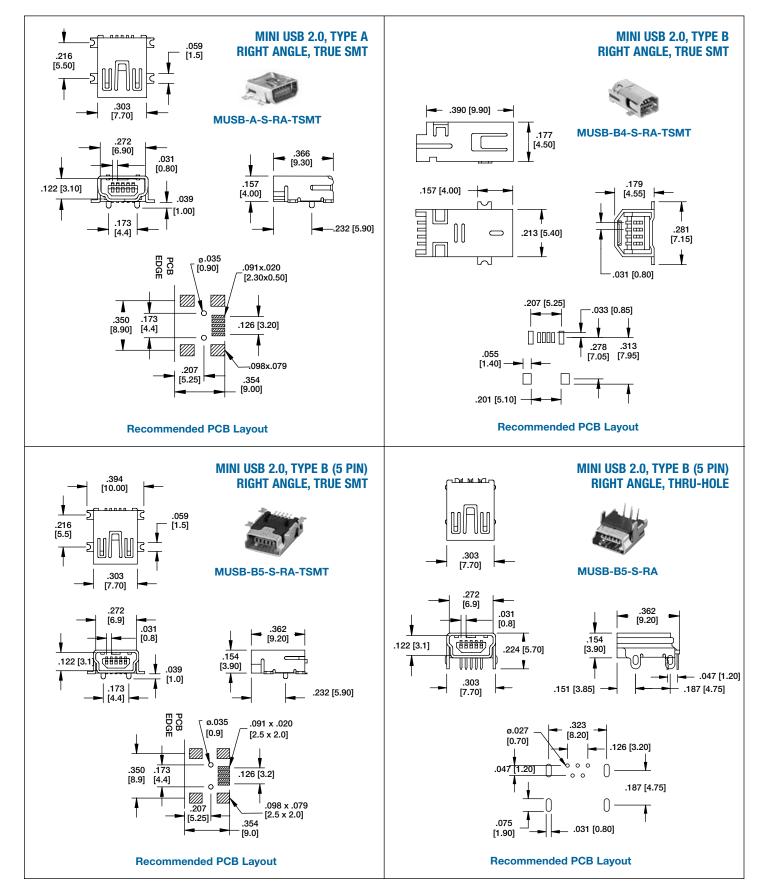
USB SERIES





MINI USB 2.0 CONNECTOR

TYPE A, B4 & B5 MUSB SERIES



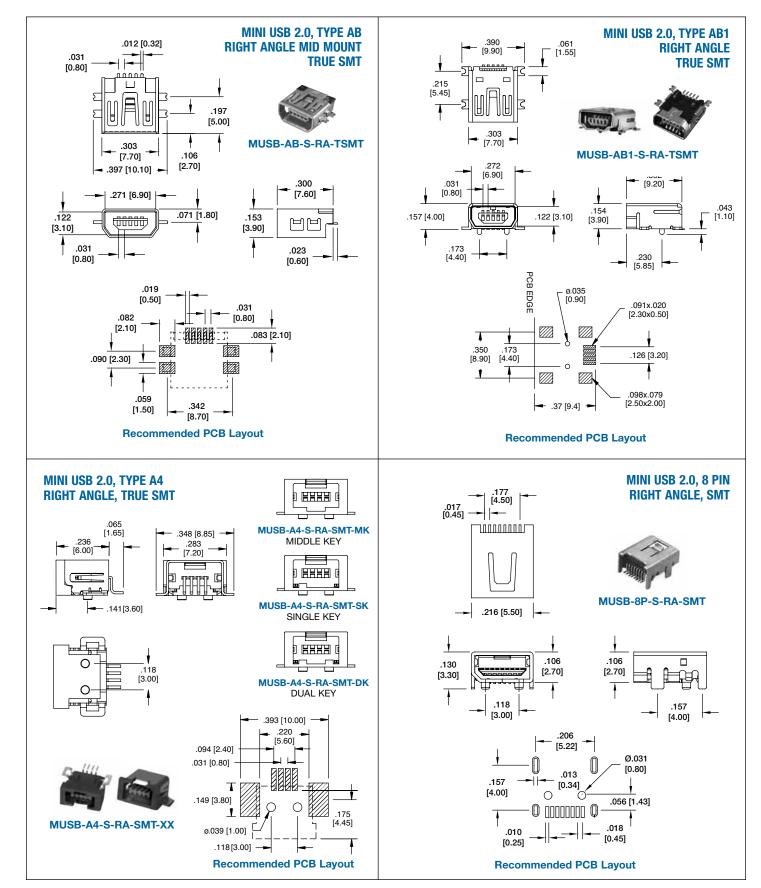
MINI USB 2.0 CONNECTOR

TYPE AB, AB1, A4 & 8P

MUSB SERIES



ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS





MINI USB 2.0 CONNECTOR

TYPE 10P, 12P & 14P

MUSB SERIES

