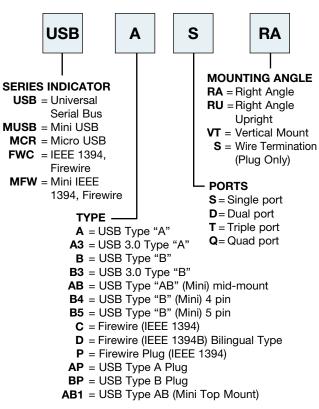


USB, MINI USB, MICRO USB FIREWIRE & MINI FIREWIRE

UNIVERSAL SERIAL BUS & IEEE 1394 FIREWIRE USB & FWC SERIES



ORDERING INFORMATION



OPTIONS:

Add as Suffix to basic part no.

SMT = Surface Mount Leads with Hi-Temp insulator for Hi-Temp soldering processes up to 260°C

TSMT = True Surface Mount Leads with Hi-Temp insulator for Hi-Temp soldering processes up to 260°C

30 = 30 μ in gold plating in contact area

WT = White color insulator

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

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 mΩ 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



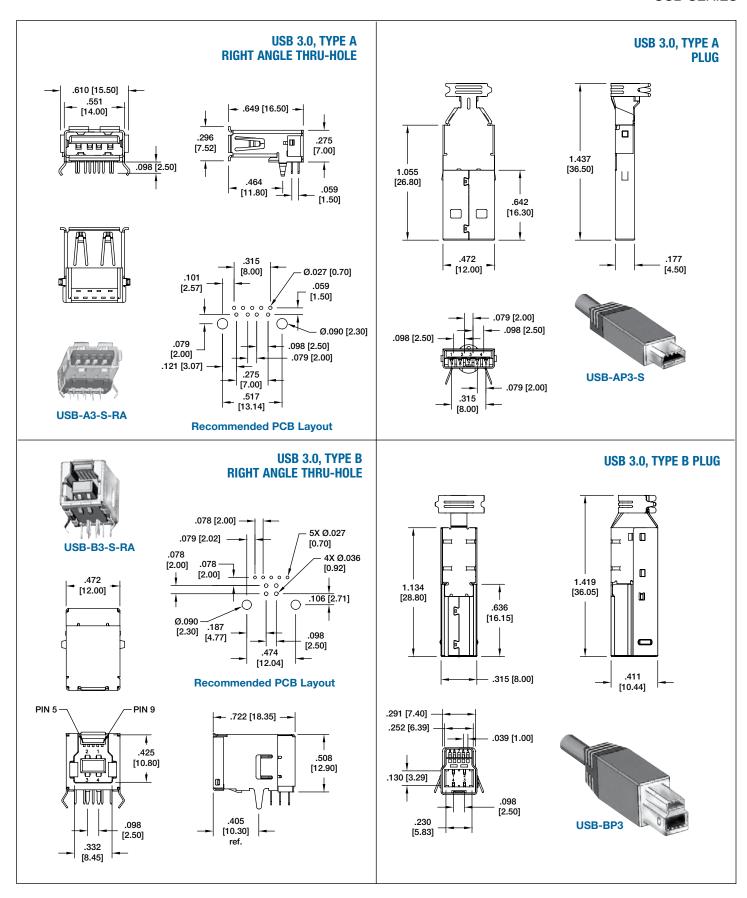






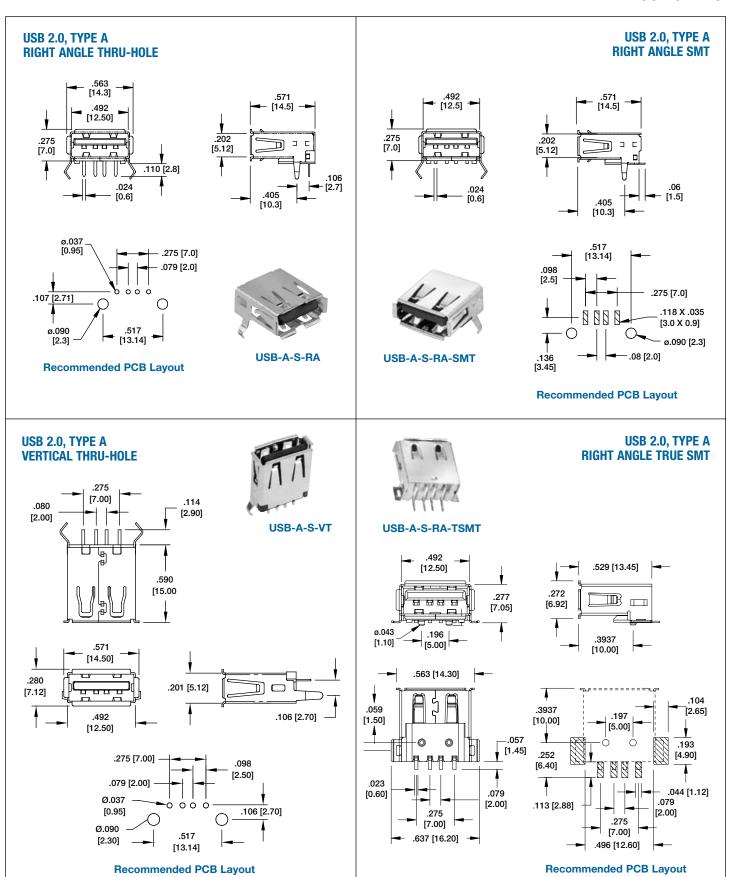


TYPE A & B USB SERIES



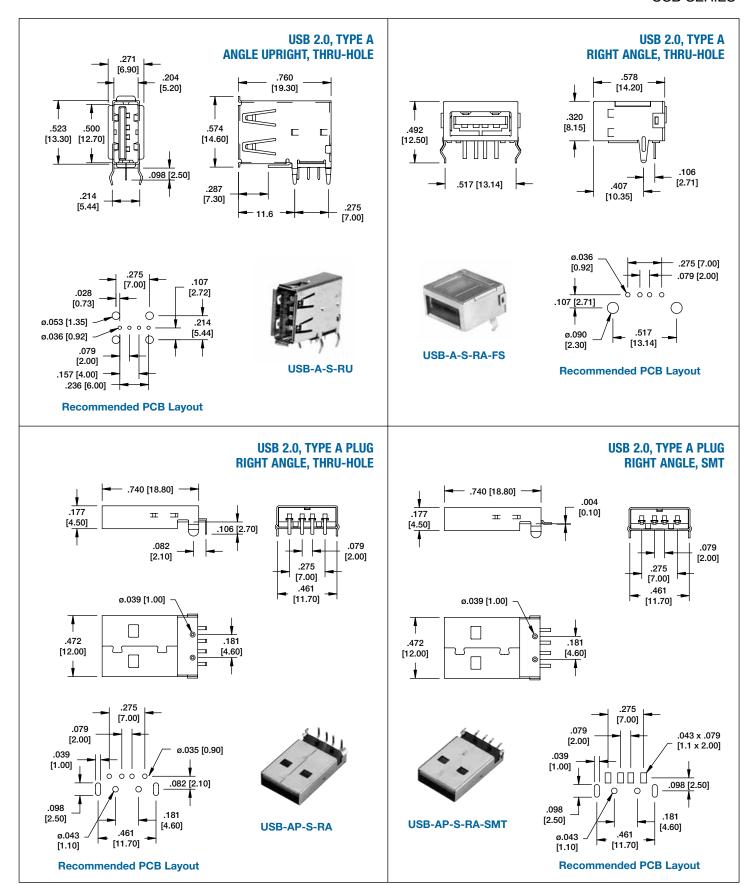


TYPE A SINGLE PORT USB SERIES



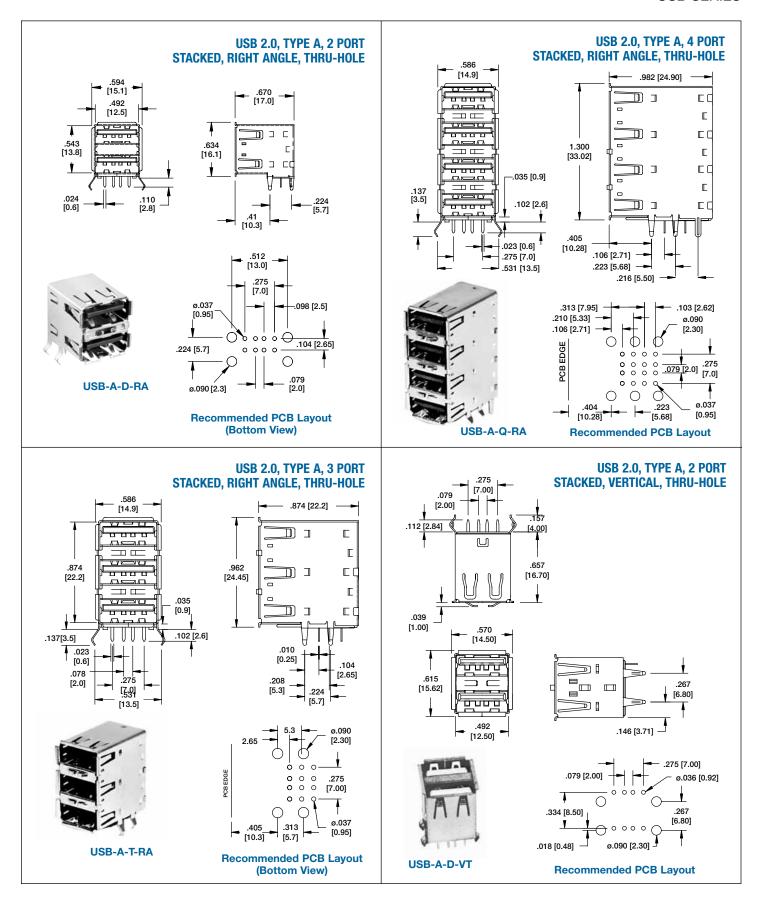


TYPE A SINGLE PORT USB SERIES



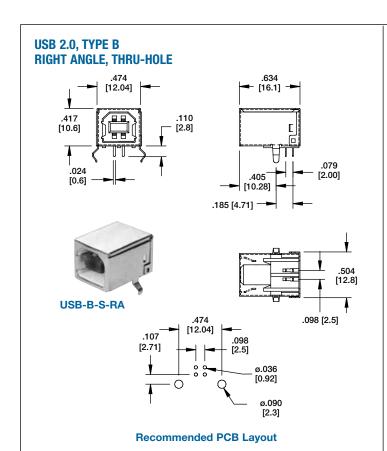


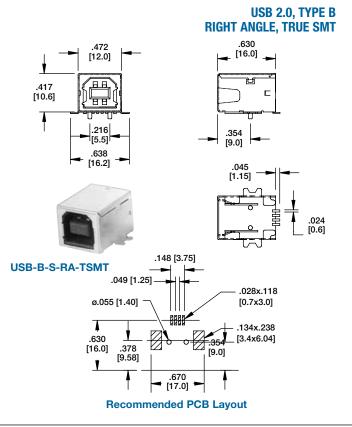
TYPE A STACKED PORTS
USB SERIES



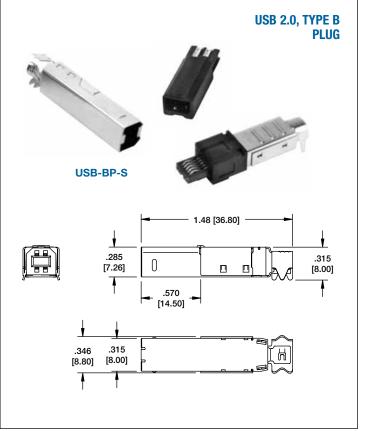


TYPE B CONNECTOR & PLUG USB SERIES





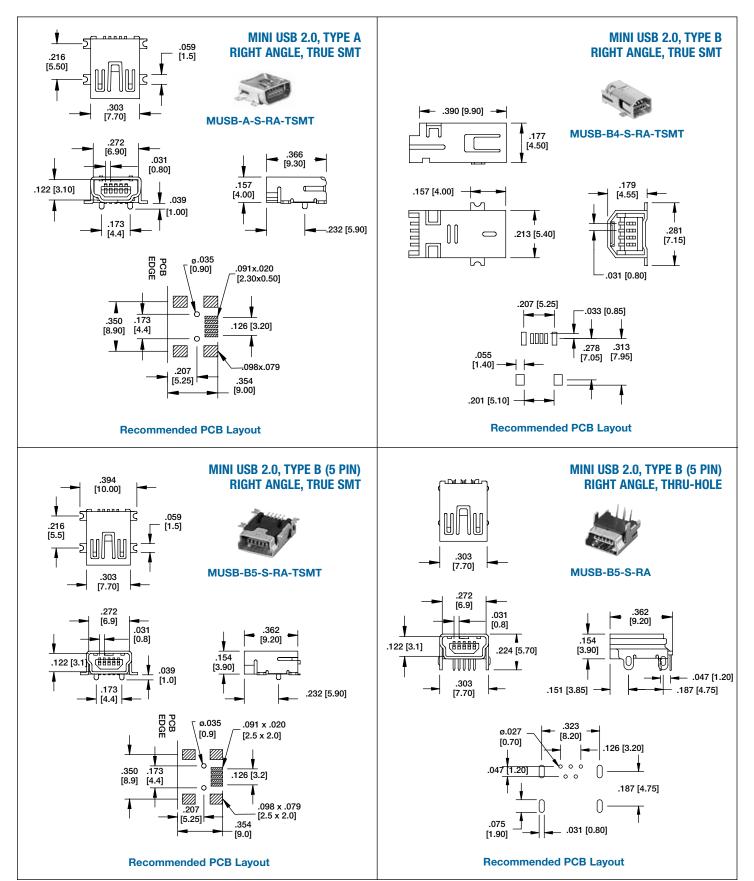
USB 2.0, TYPE B VERTICAL, THRU-HOLE .633 [12.0] [16.10] .439 [11.15] .335 [8.5] .08 [2.0] .295 .366 [9.3] [7.5] .118 [3.0] **USB-B-S-VT** .474 [12.04] .126 ø.036 [3.2] [0.92] .107 [2.71] .098 ø.090 [2.3] **Recommended PCB Layout** (Component Side)





MINI USB 2.0 CONNECTOR

TYPE A, B4 & B5 MUSB SERIES

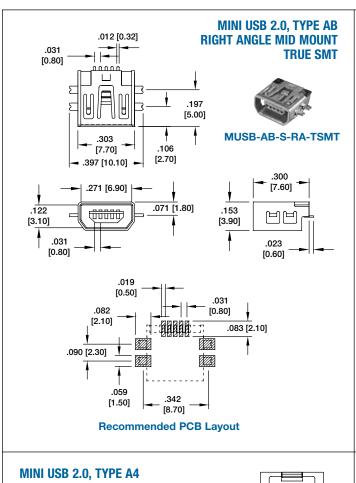


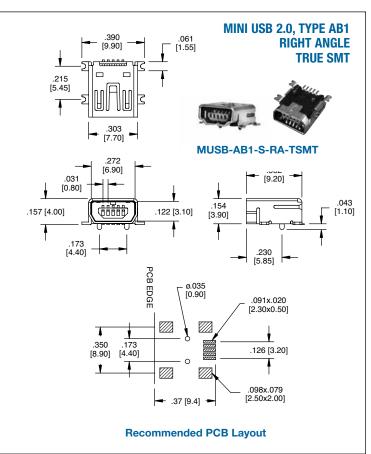


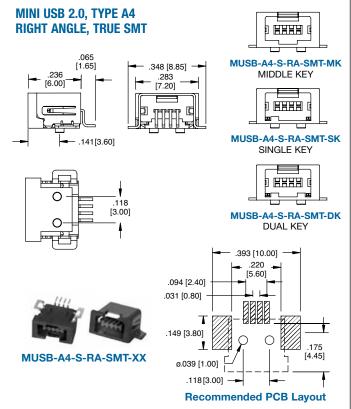
ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

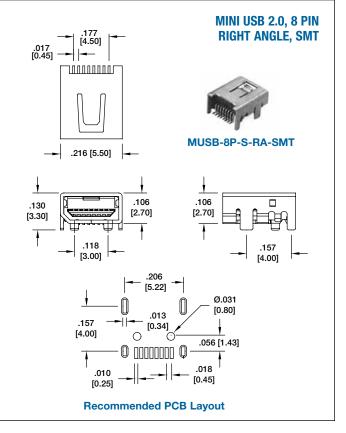
MINI USB 2.0 CONNECTOR

TYPE AB, AB1, A4 & 8P MUSB SERIES





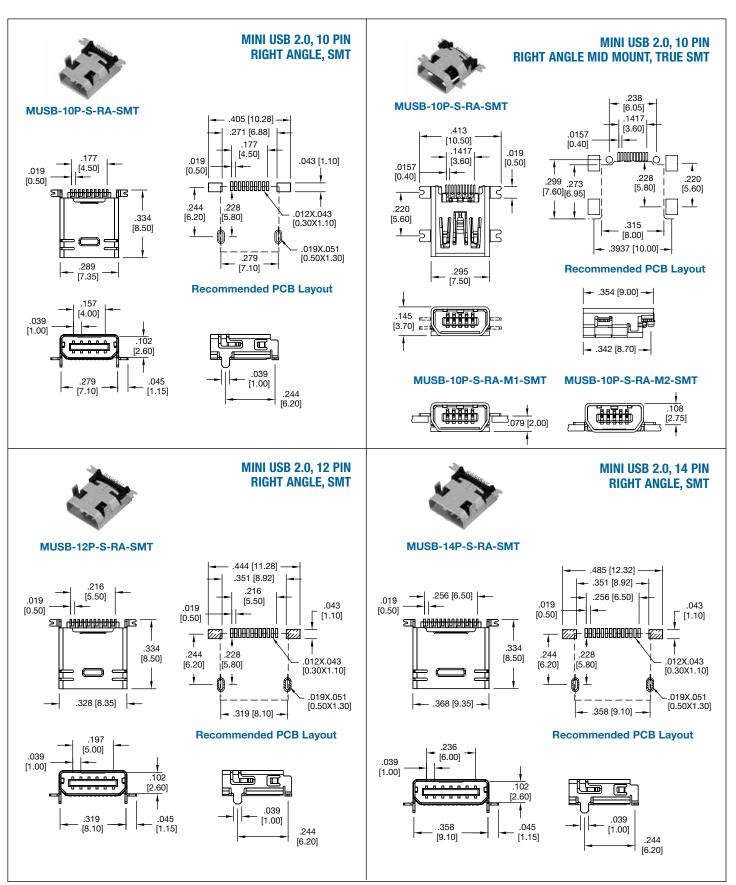






MINI USB 2.0 CONNECTOR

TYPE 10P, 12P & 14P MUSB SERIES



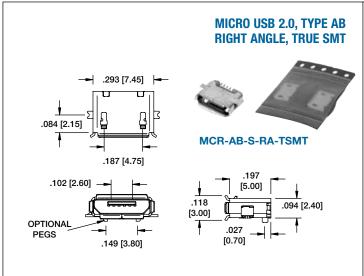


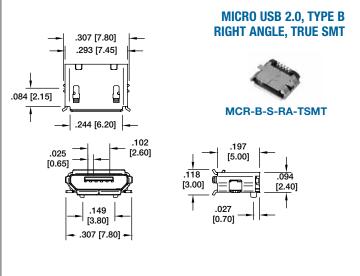
ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

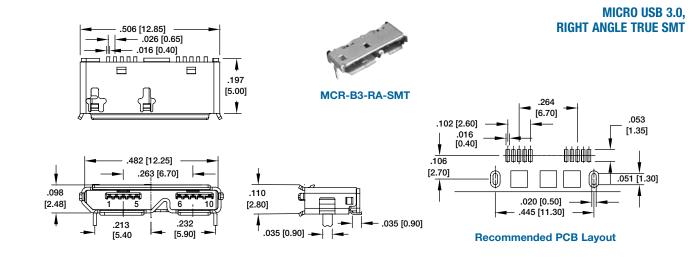
MICRO USB 2.0 & 3.0 CONNECTOR

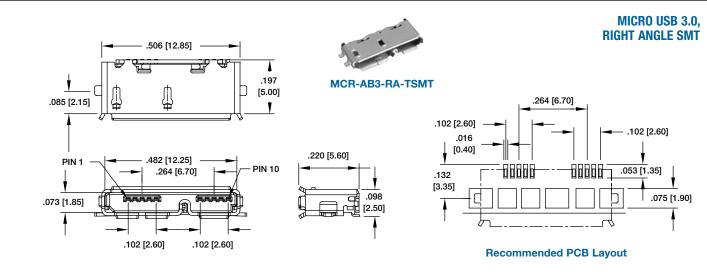
TYPE AB, AB3, B & B3

MUSB SERIES





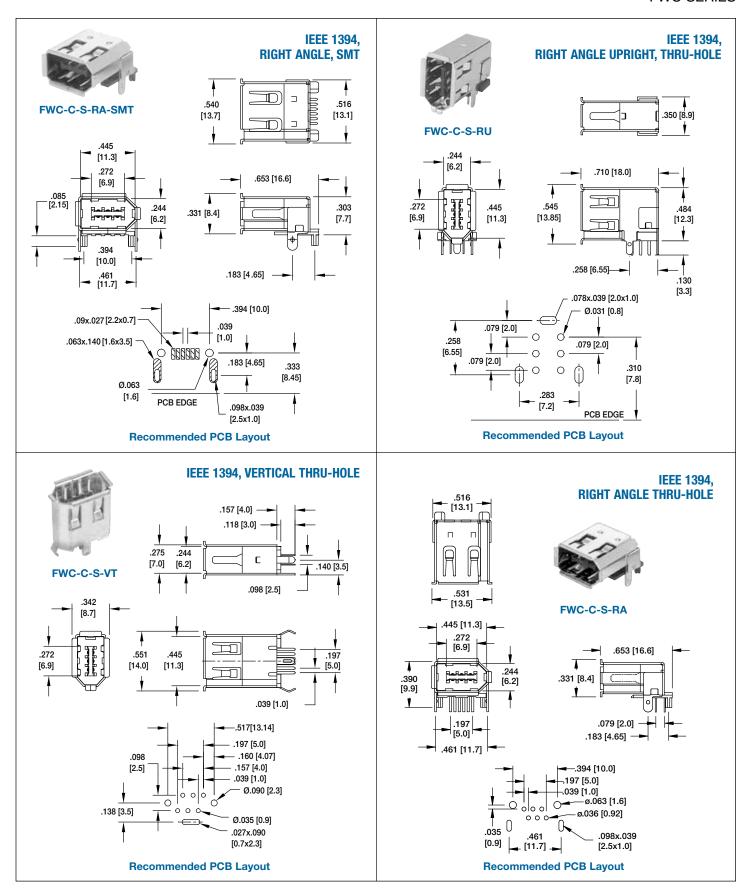






IEEE 1394 FIREWIRE

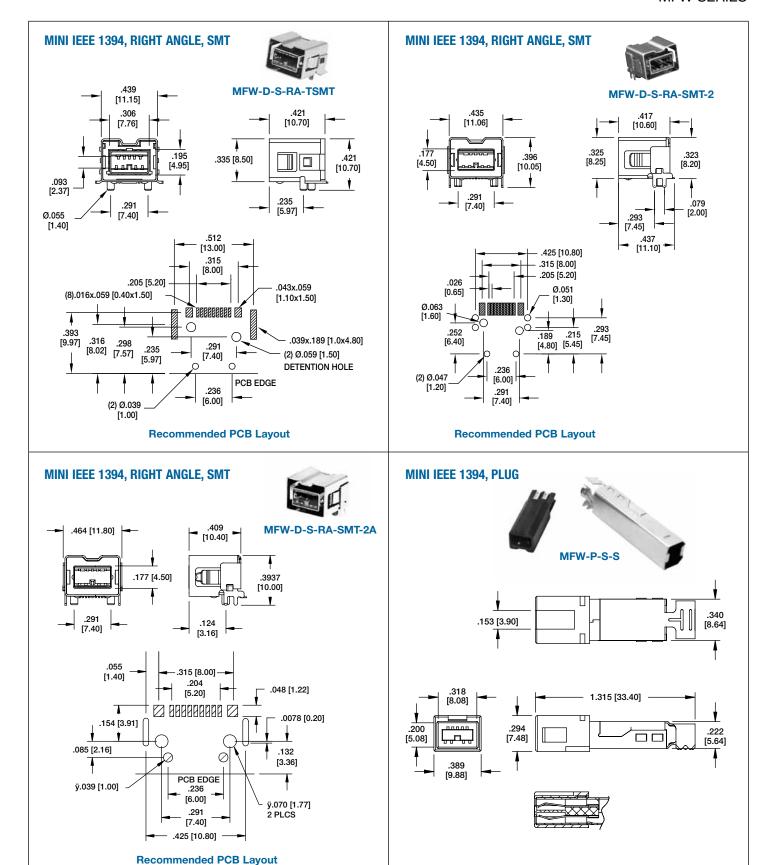
SINGLE PORT, THRU-HOLE & SMT FWC SERIES





MINI FIREWIRE

THRU-HOLE & SURFACE MOUNT MFW SERIES



135

(Bilingual)