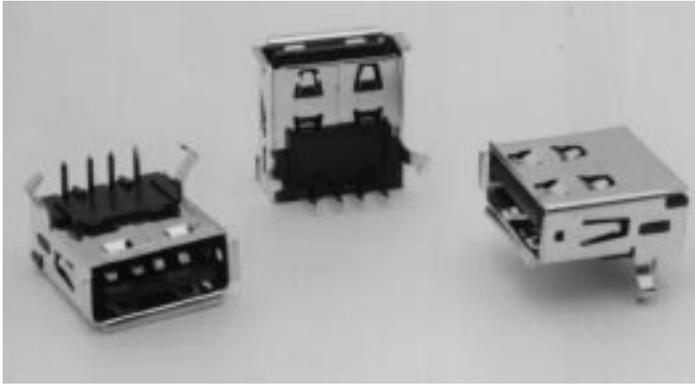




Universal Serial Bus & Fire Wire Connectors

MUSB Series: Right Angle Termination, Single and Stacked



Features

- Plug and play technology
- Hot pluggable
- Single 4, stacked 8-position connectors
- Consolidates serial ports and parallel ports, keyboard ports, mouse ports, and game ports
- Compatible with asynchronous and isochronous data transfer methods
- Compatible with Windows operating system
- Standard feature in new PC chipsets
- Eliminates the need for terminators
- Type "A" and "B" available

Performance Specifications

Materials and Finish

Shell: Nickel plated brass, 0.3mm thick
 Insert: PTH: PBT, GF, 94V-0 rated,
 SMT: Nylon PA9T GF, 94 V-0
 Contact Material: Phosphor bronze
 Contact Finish: Gold flash over nickel with tin plated terminals

Electrical Characteristics

Contact Current Rating: 1.5 Amp @ 250 Vac minimum
 Contact Resistance: 30 milliohms maximum
 Dielectric Withstanding Voltage: 500 Vac for one minute
 Insulation Resistance: 1000 megohms minimum

Mechanical Characteristics

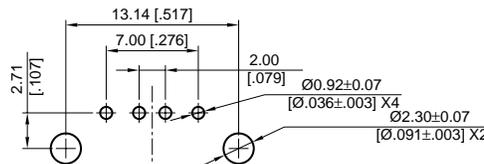
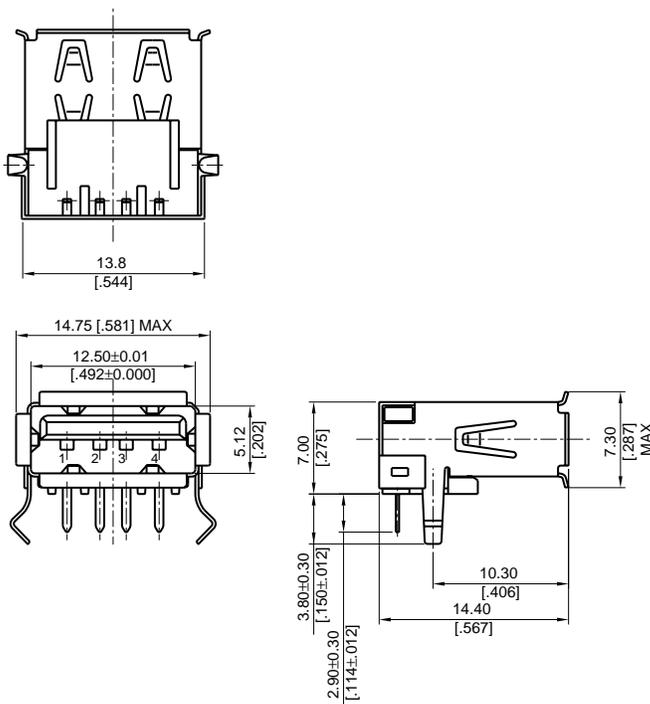
Insertion Force: 35 N maximum
 Extraction Force: 10 N minimum

Part Number

4 Position, Right Angle, Single Type A

Dimensions

PCB Layout



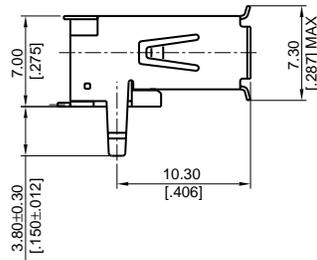
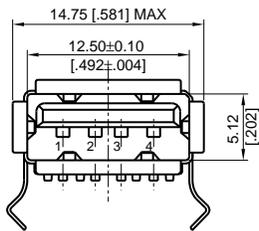
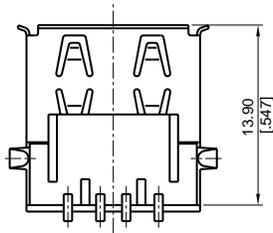
143777



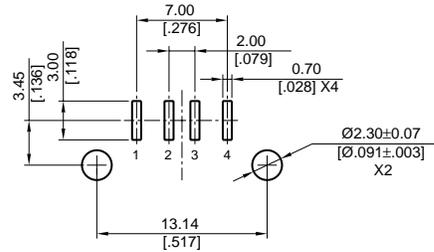
Part Number

Right Angle, Single, SMT

Dimensions



PCB Layout

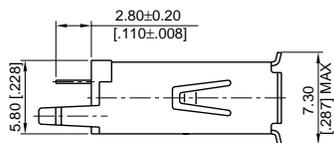
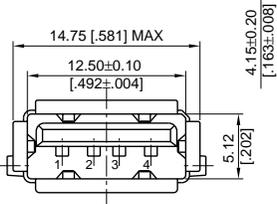
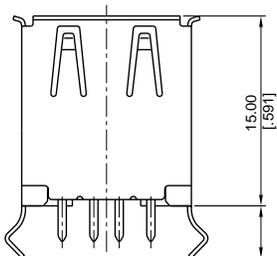


143799

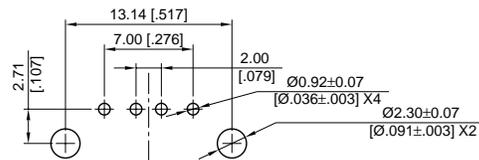
Part Number

4 Position, Vertical, PCB Mount

Dimensions



PCB Layout



143780

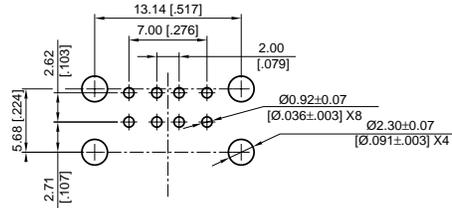
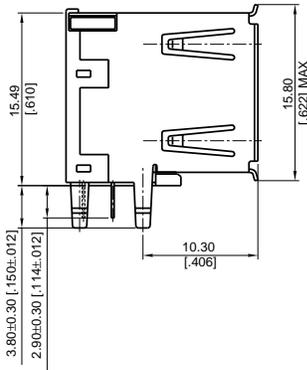
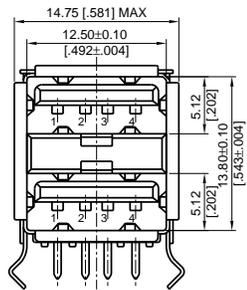
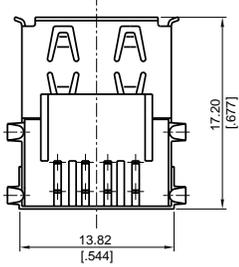
MUSB Series: Right Angle Termination, Single and Stacked

Part Number

8 Position, Right Angle, Single, Type A

Dimensions

PCB Layout



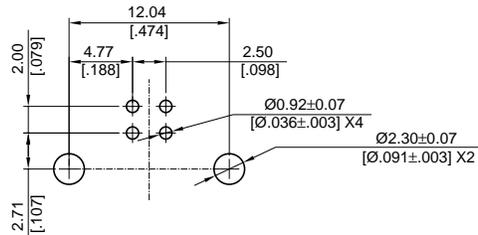
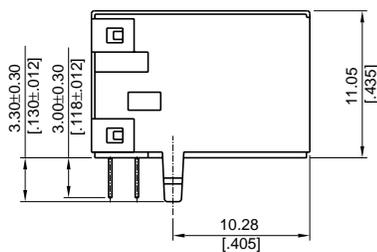
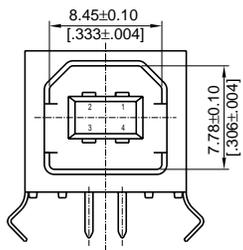
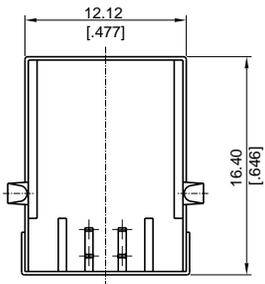
143779

Part Number

4 Position, Right Angle, Single, Type B

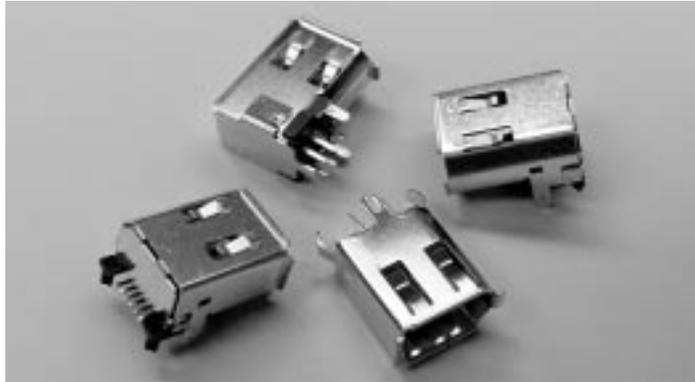
Dimensions

PCB Layout



143778

MIEEE-P1394 SERIES: Fire Wire Connector



Features

- Compatible with TA1394, IEEE, and JEDEC standards
- Hot pluggable
- Fast data 100 Mbps – 1Gbps
- Through hole or surface mount

Performance Specifications

Materials and Finish

Shell: Tin Plated, Copper Alloy
 Insert: PTH: PBT, GF, 94V-0 rated,
 SMT: Nylon PA9T GF, 94 V-0
 Contact Material: Copper Alloy
 Contact Finish: Gold flash over nickel, tin terminals

Electrical Characteristics

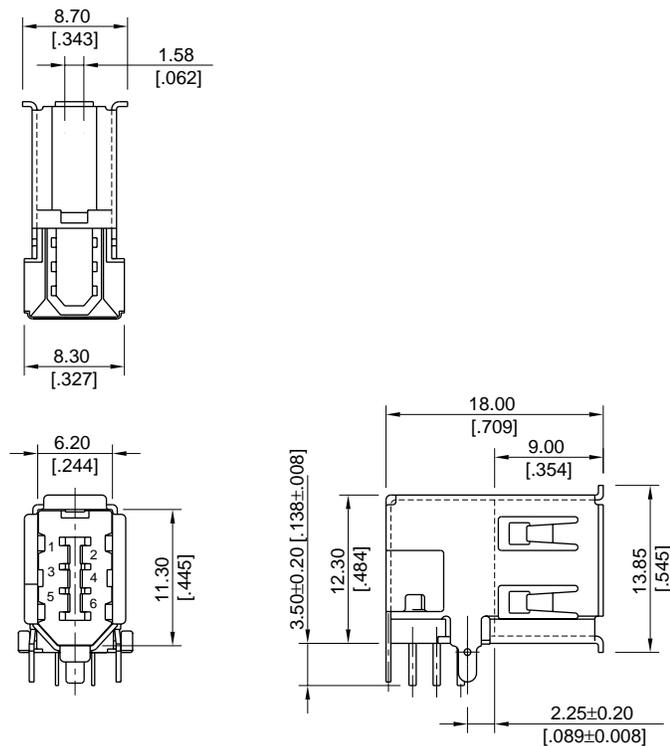
Contact Current Rating: 1 Amp maximum
 Contact Resistance: 30 milliohms maximum
 Dielectric Withstanding Voltage: 500 Vac for one minute
 Insulation Resistance: 100 megohms minimum

Mechanical Characteristics

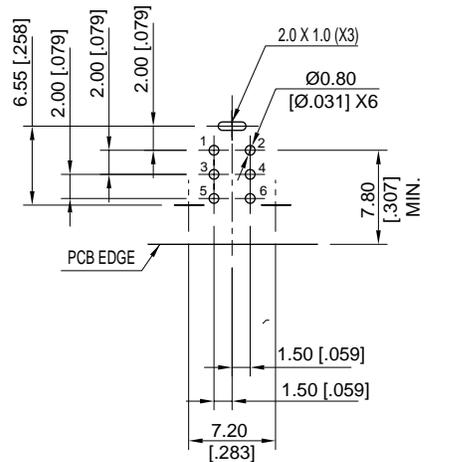
Extraction Force: 9.8 N minimum, 39.2 maximum

Part Number

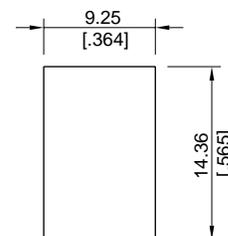
Single, Right Angle, Upright Dimensions



PCB Layout



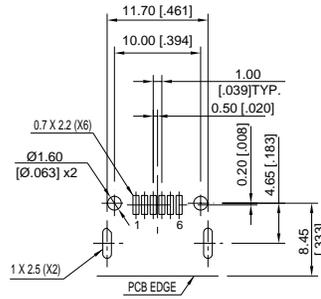
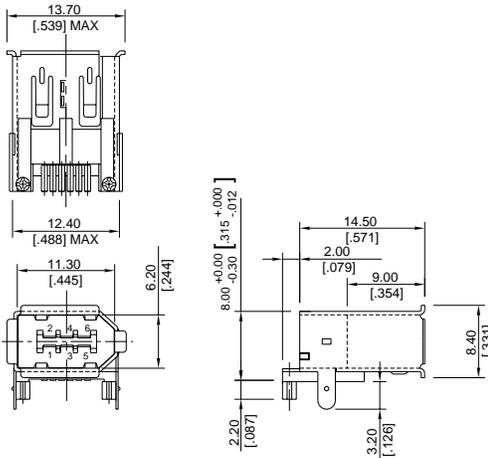
RECOMMENDED PANEL CUTOUT



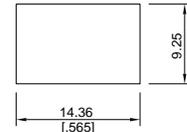
143782

Single, Right Angle. SMT
Dimensions

PCB Layout



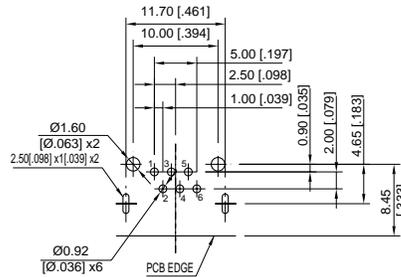
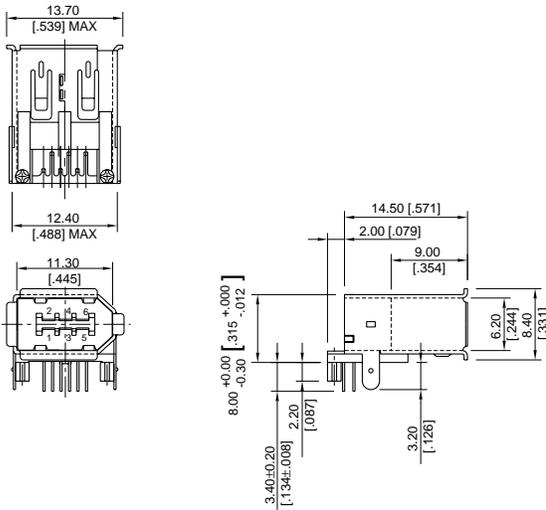
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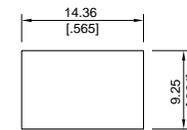
143796

Single, Right Angle
Dimensions

PCB Layout



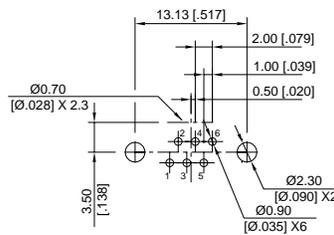
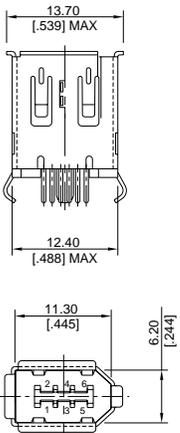
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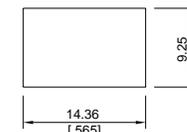
143784

Single, Vertical
Dimensions

PCB Layout



RECOMMENDED PANEL CUTOUT



143797

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