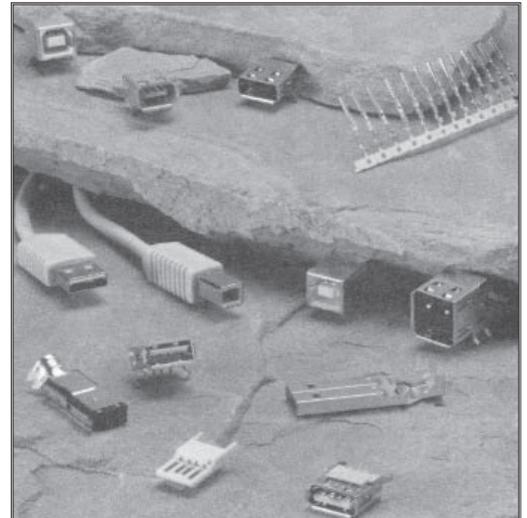


Universal Serial Bus

MUSB Series - Right Angle Termination,
Single and Stacked
MIEEE-P1394 Series - Fire Wire Connector

12-2
12-5

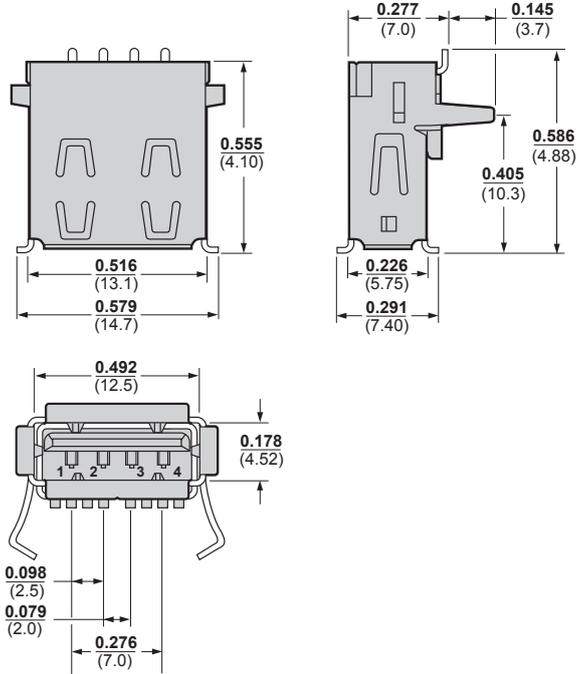


UNIVERSAL SERIAL BUSS

MUSB-4R-S

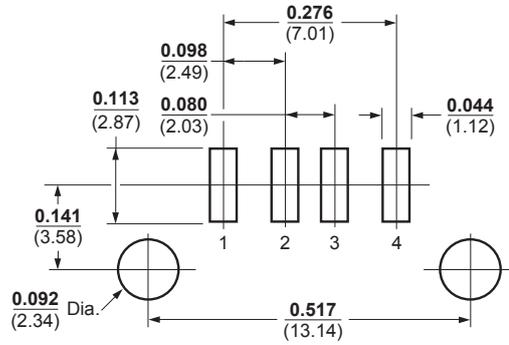
Right Angle Termination,
Single, Surface Mount

DIMENSIONS – SINGLE TYPE A



MAXCONN - (Back to Table of Contents)

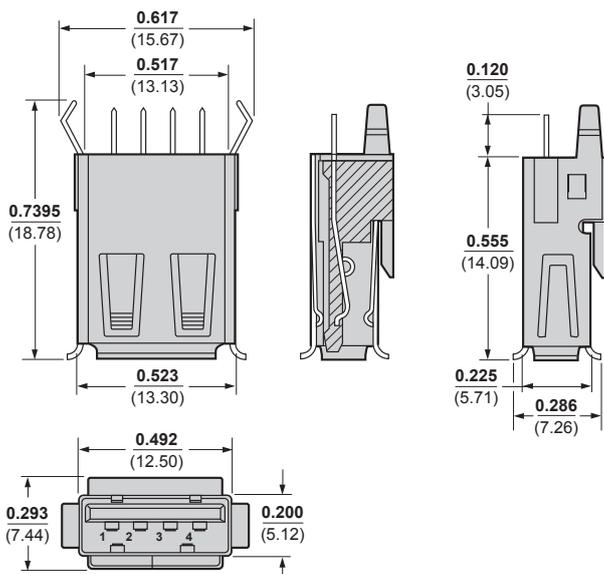
PCB LAYOUT (TOP VIEW)



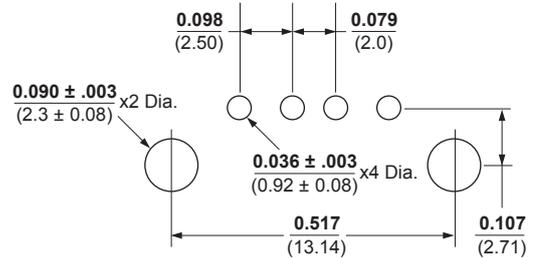
MUSB-4V

Vertical Termination,
Single Vertical PCB Mount

DIMENSIONS – VERTICAL TYPE A



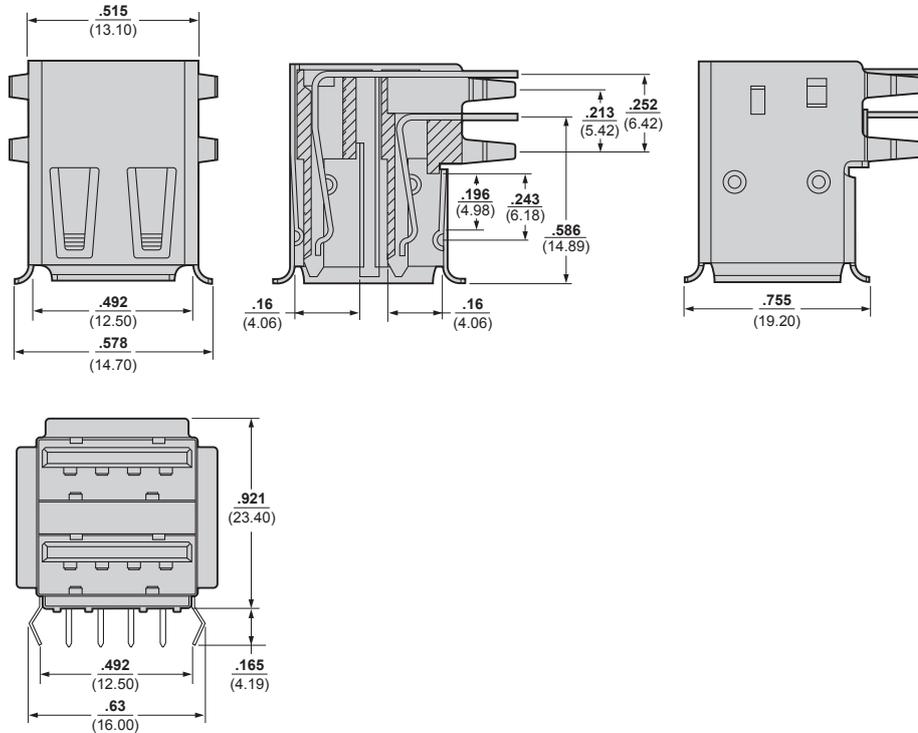
PCB LAYOUT (TOP VIEW)



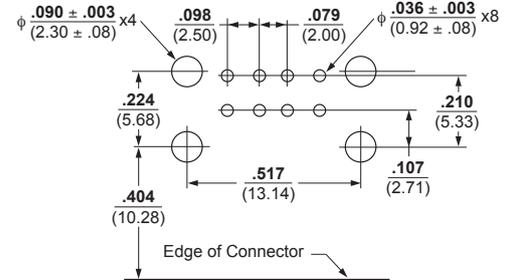
MUSB-8R-P

Right Angle Termination,
Single, Stacked PCB Mount

DIMENSIONS – STACKED TYPE A



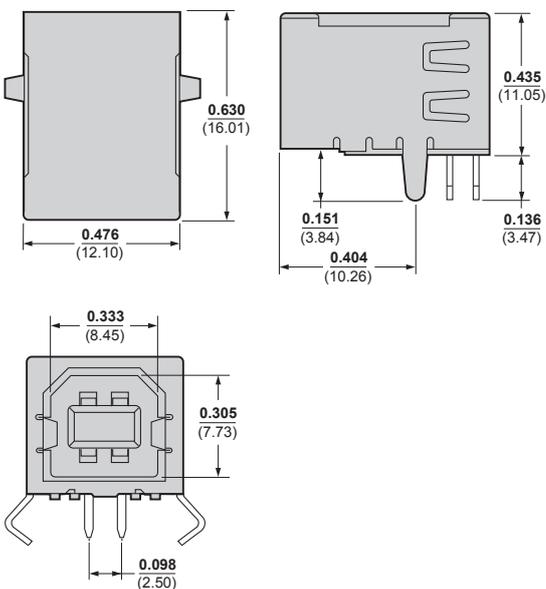
PCB LAYOUT (TOP VIEW)



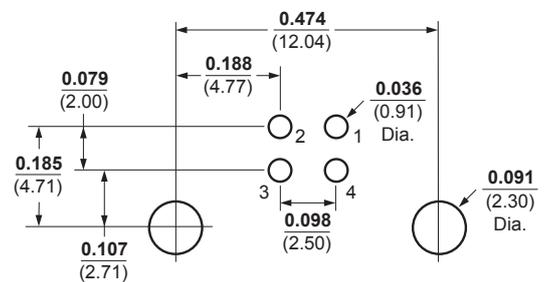
MUSB-4R-B

Right Angle Termination, Type A
Single PCB Mount

DIMENSIONS – SINGLE TYPE B

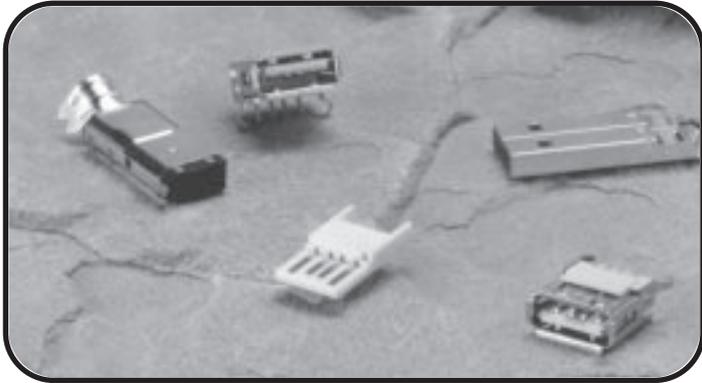


PCB LAYOUT (TOP VIEW)



MIEEE-P1394 SERIES

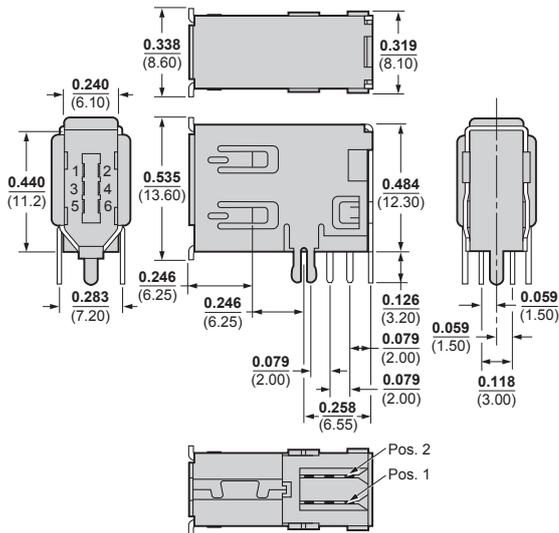
Fire Wire Connector



FEATURES

- Compliance with TA1394, IEEE, and JEDEC standards
- UL and CSA approved
- Hot pluggable
- Fast data 100 Mbps – 1Gbps
- Through hole or surface mount
- UL and CSA approved E107337 and E145613

DIMENSIONS – SINGLE, SIDE RIGHT ANGLE



Performance Specifications

Materials and Finish

Shell: Phosphor bronze 100 microinch, tin plated over 40 microinch minimum nickel

Housing: PBT UL 94V-0 type D202G30, black color

Contact Material: Brass, selective gold flash over palladium nickel with tin leads

Contact Finish: 1.05 microinch minimum, gold flash over 0.75 microinch minimum palladium in mating area over 1.25 microinch minimum nickel

Electrical Characteristics

Contact Current Rating: 1 Amp 100Vac, 2 Amp 12Vdc

Contact Resistance: 30 milliohms maximum

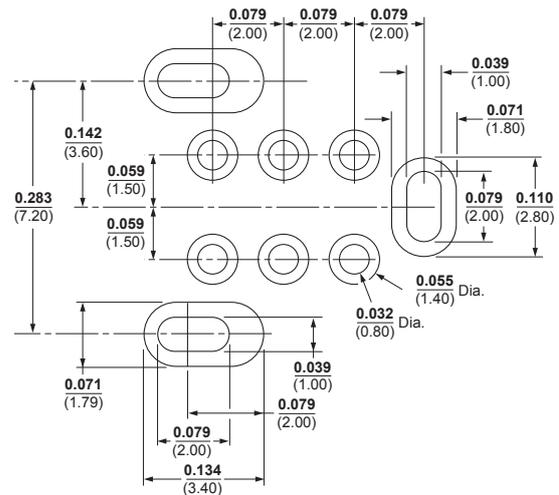
Dielectric Withstanding Voltage: 750 Vac for one minute

Insulation Resistance: 1000 megohms minimum

Mechanical Characteristics

Temperature Rating: -40° C to + 245° C ± 5° C

PCB LAYOUT (TOP VIEW)



HOW TO ORDER

MIEEE – P1394 – 6 – XX X – P

Series

Number of Contacts

6—Single
12—Dual row (side by side)

Termination Type

Blank—Through hole
SR—Side right angle
R—Right angle
V—Vertical

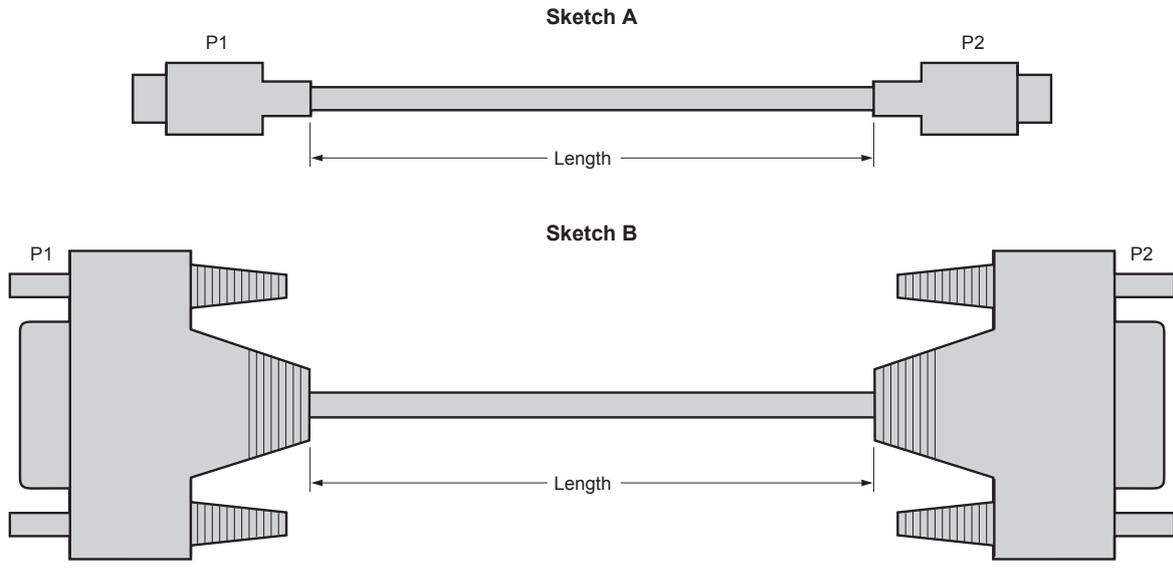
PCB Termination

Blank—Through-hole
S—Surface mount

Plating

P—Palladium nickel

MCBL Series



Sketch C
 Make your own sketch and use list below
 for connector and cable type requirements.

Sketch A

- | | |
|-----------------------------------|-----------------------------------|
| P1 | P2 |
| <input type="checkbox"/> Mini-DIN | <input type="checkbox"/> Mini-DIN |
| <input type="checkbox"/> DIN | <input type="checkbox"/> DIN |
| Gender | Gender |
| <input type="checkbox"/> Male | <input type="checkbox"/> Male |
| <input type="checkbox"/> Female | <input type="checkbox"/> Female |
| Pin Out (P1) | Pin Out (P2) |
| Shield _____ | Pin # _____ |
| Pin # 1 _____ | Pin # _____ |
| Pin # 2 _____ | Pin # _____ |
| Pin # 3 _____ | Pin # _____ |
| Pin # 4 _____ | Pin # _____ |
| Pin # 5 _____ | Pin # _____ |
| Pin # 6 _____ | Pin # _____ |
| Pin # 7 _____ | Pin # _____ |
| Pin # 8 _____ | Pin # _____ |
| Pin # 9 _____ | Pin # _____ |

Sketch B

- | | | | | |
|---|---------------------|------------|--------------------------------|------------|
| Connector Type | Positions | M/F | P2 | M/F |
| <input type="checkbox"/> P1 D-Subminiature | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 SCSI I | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 SCSI II | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 Centronics/Ribbon | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 13W3 Coax Combo | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 Hi-Density D-Subminiature | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| <input type="checkbox"/> P1 Other Type _____ | _____ | ___ | <input type="checkbox"/> _____ | ___ |
| Thumb Screws: | Pin Out (P1) | | Pin Out (P2) | |
| <input type="checkbox"/> Metal | _____ | | _____ | |
| <input type="checkbox"/> Molded | | | | |
| <input type="checkbox"/> None | | | | |

*NOTE: Please provide pin-out specification for sketch B & C.

Cable Specifications

- Straight Coiled Length _____
- UL Approved (Y/N) _____AWG _____
- Number Conductors _____
- Paired (Y/N) _____
- Shielded: Braid Foil
- Color: _____
- Comments: _____
- _____
- _____
- _____
- _____
- _____
- _____