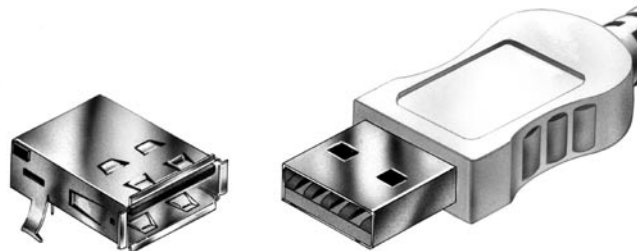


Universal Serial Bus IEEE 1394 Firewire - M31 Series



ORDERING INFORMATION

PART NUMBER LEGEND

M31X - XX - X - XX

MOUNTING ANGLE

- 1 = Right Angle, Flat PCB Mount
- 2 = Right Angle, Upright PCB Mount (IEEE 1394 only)
- 3 = SMT, Right Angle
- 4 = Vertical Mount, Through Hole

PORTS

- 1 = Single port
- 2 = Dual port

TYPE

- 1 = Type "A" (USB only)
- 2 = Type "B" (USB)
- 3 = IEEE 1394

SERIES INDICATOR

- 01 = Universal Serial Bus Connector, Black
- 02 = IEEE 1394, Right Angle PC Board Mount
- 06 = USB Connector, White
- 07 = USB HITEMP, Black

PLATING

- T = 5 µin. Select Gold Nominal
- 8 = 30 µin. Select Gold Nominal

SPECIFICATIONS:

Material:

Shell: Phosphor Bronze, tin-plated
Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Plating:

Per MIL-G-45204, Type II, Grade C on contact area over 40 µin nickel underplate to QQ-N-290, Class 2, Grade C, 100 µin tin-lead to MIL-P-81738 on solder tails

Electrical:

Operation voltage: 500 VDC
Current rating: 1 Amp
Contact resistance: 15 mΩ
Insulation resistance: 5000 MΩ
Dielectric withstanding voltage: 1000V

Environmental:

Operating temperature: -65° to +125°C

PACKAGING:

Anti-static plastic trays or tubes available

APPROVALS AND CERTIFICATIONS:

Select parts recognized under the component program of Underwriters Laboratories, Inc. No. E167232



PLUG ASSEMBLY

PART NUMBER LEGEND

M310 - XX - X - X

CONTACT TYPE

- 1 = Crimp contacts
- 2 = Solder contacts

PLUG SIZE

- 1 = Single plug
- 2 = Dual plug

TYPE

- 03 = Cable Mount Plug Type "A", Black
- 04 = Cable Mount Plug Type "B", Black
- 05 = Cable Mount Plug IEEE 1394, Black
- 08 = Cable Mount Plug Type "A", White
- 09 = Cable Mount Plug Type "B", White
- 10 = Cable Mount Plug IEEE1394, White

PLUG, CRIMP CONTACTS

PART NUMBER LEGEND

M31X - XT - XX

WIRE SIZE

- 1 = 28-26 awg. wire
- 2 = 24-20 awg. wire

PACKAGING

- 1 = 5000 piece reel

TYPE

- A = Crimp contacts for USB Type "A" plug
- B = Crimp contacts for USB Type "B" plug
- C = Crimp contacts for use with IEEE 1394 firewire plug

PLATING

- T = 5 µin. Select Gold Nominal
- 8 = 30 µin. Select Gold Nominal



North and South America:

Methode Electronics, Inc. Connector Products
1700 Hicks Road • Rolling Meadows, IL 60008 USA
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Email: info@methode.ie • Web: ireland.methode.com/main.html

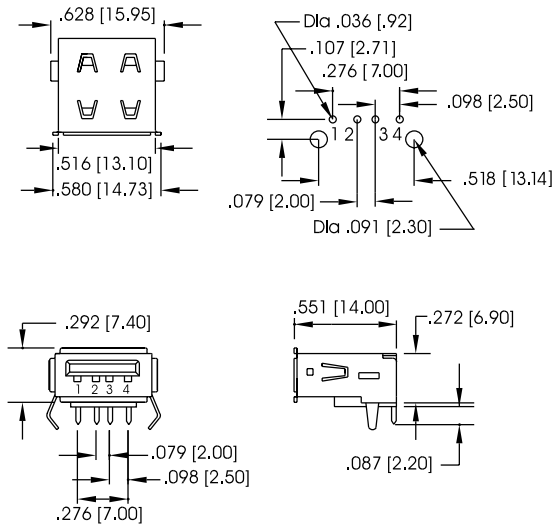
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1 Tuas Lane, Jurong Town • Singapore 638610
65-68615444 • Fax: 65-68614777
Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

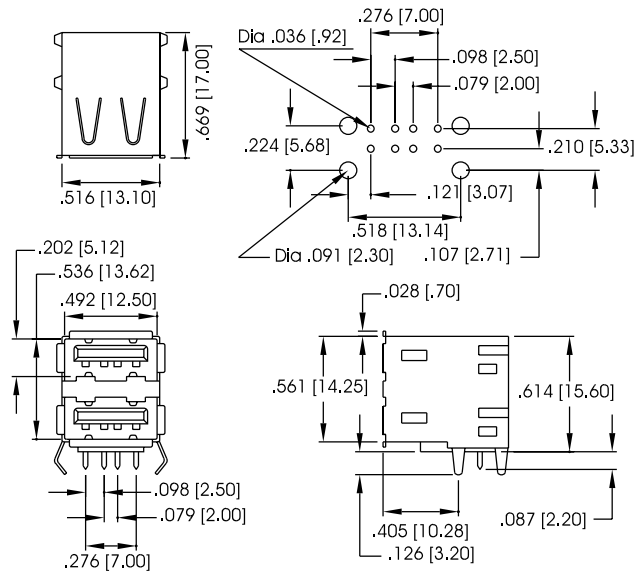
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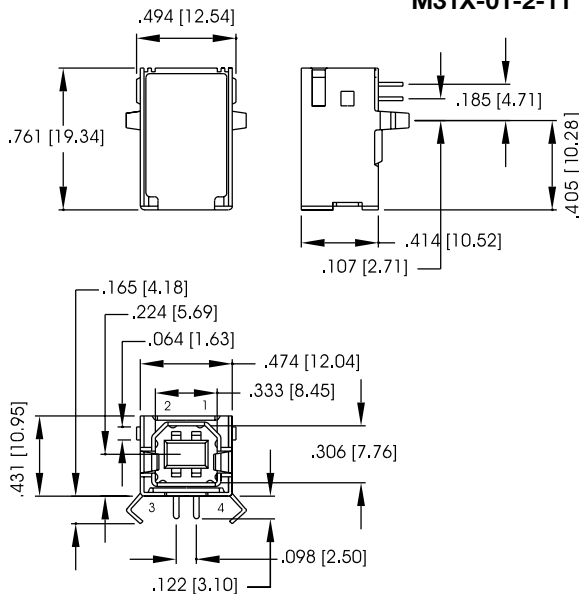
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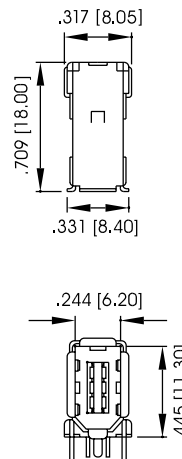
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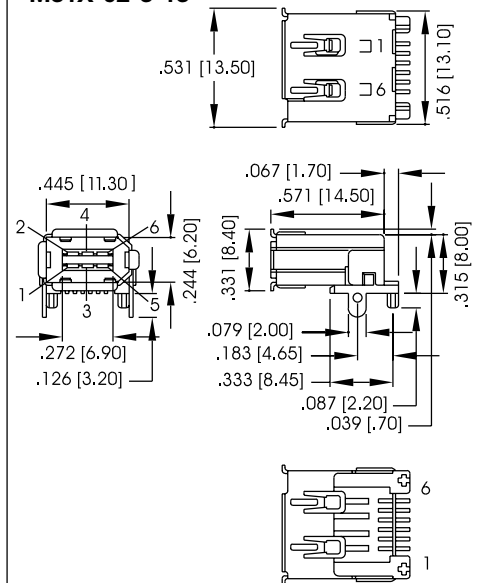
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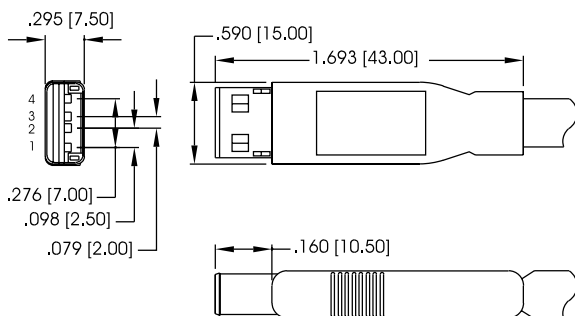
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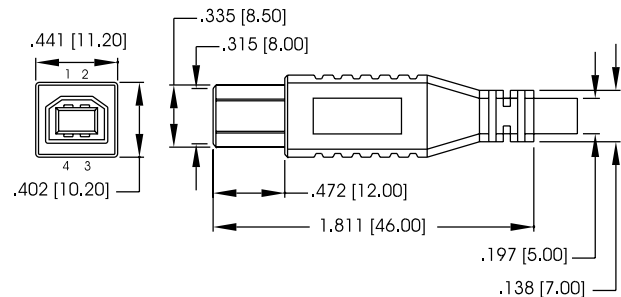
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M310-03-1-X



M310-04-1-X



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