

.050" Mini D Ribbon (MDR) Cable Assembly

High Speed Digital Data Transmission System — 36 Position

14536-SZ6B-XXX-0HC



- 10 shielded pairs, 1 USB pair, plus 6 individual wires
- The solution for LVDS applications
- Each differential pair is shielded with foil; entire cable bundle is shielded with foil and braid
- Rugged MDR ribbon type contact
- Quick release latches

Date Modified: January 14, 2000

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Physical

Connector Contact Plating

Wiping Area: 30 μ " [0.76 μ m] Min. Gold

Shell

Color: Parchment/Beige

Material: Acrylonitrile Butadiene Styrene (ABS)

Cable

Color: Parchment/Beige

Jacket Material: Polyvinyl Chloride (PVC)

Flammability: AWM VW-1

Electrical

Voltage Rating: 30 V

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^8 \Omega$ at @100 Vdc

Withstanding Voltage: 350 Vrms for 1 minute

Individually Shielded Twisted Pairs

Characteristic Impedance: 100 \pm 10 Ω (USB 90 ohms)

Conductor Size: 28 AWG Stranded

Propagation Velocity: 1.25 ns/ft [4.1 ns/m]

Environmental

Temperature Rating: -20°C to +75°C

UL File No.: E86982

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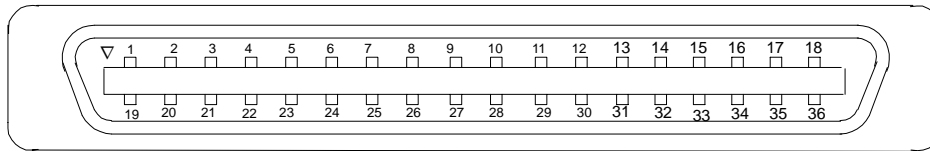
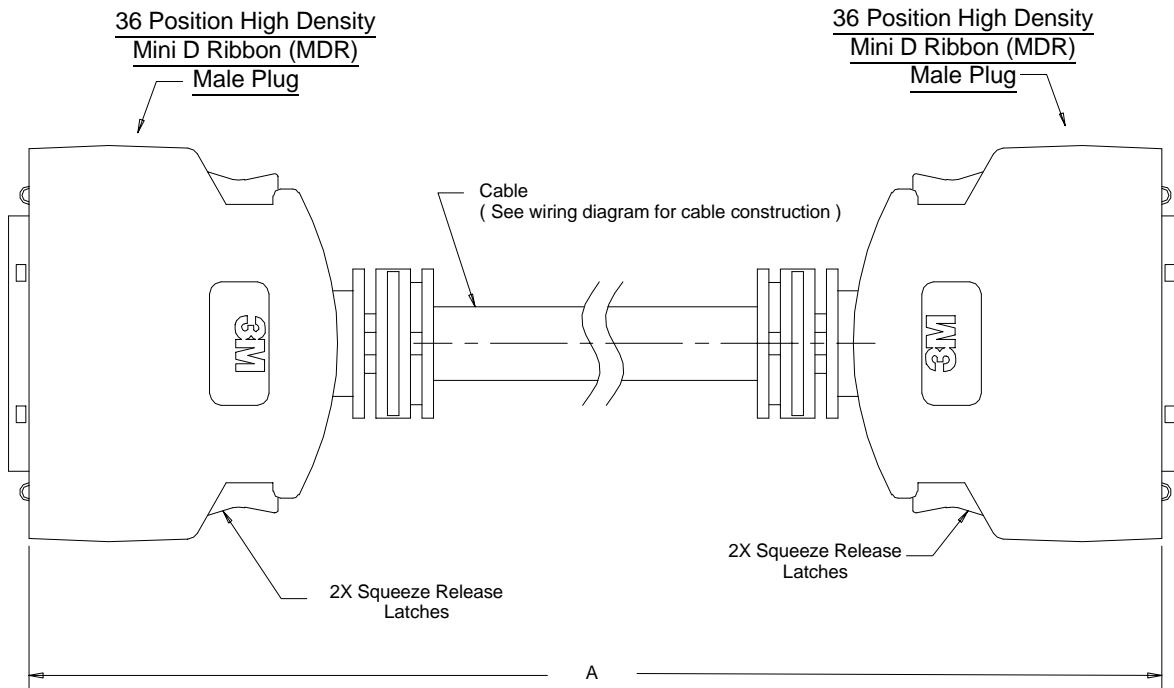
6801 River Place Blvd.
Austin, TX 78726-9000

For technical, sales or ordering information call
800-225-5373

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MDR 36 Position Plug
(Both Ends)



Ordering Information

14536-SZ6B-XXX-0HC

Dimension A
100 = 1 meter
200 = 2 meter
300 = 3 meter
500 = 5 meter
A00 = 10 meter

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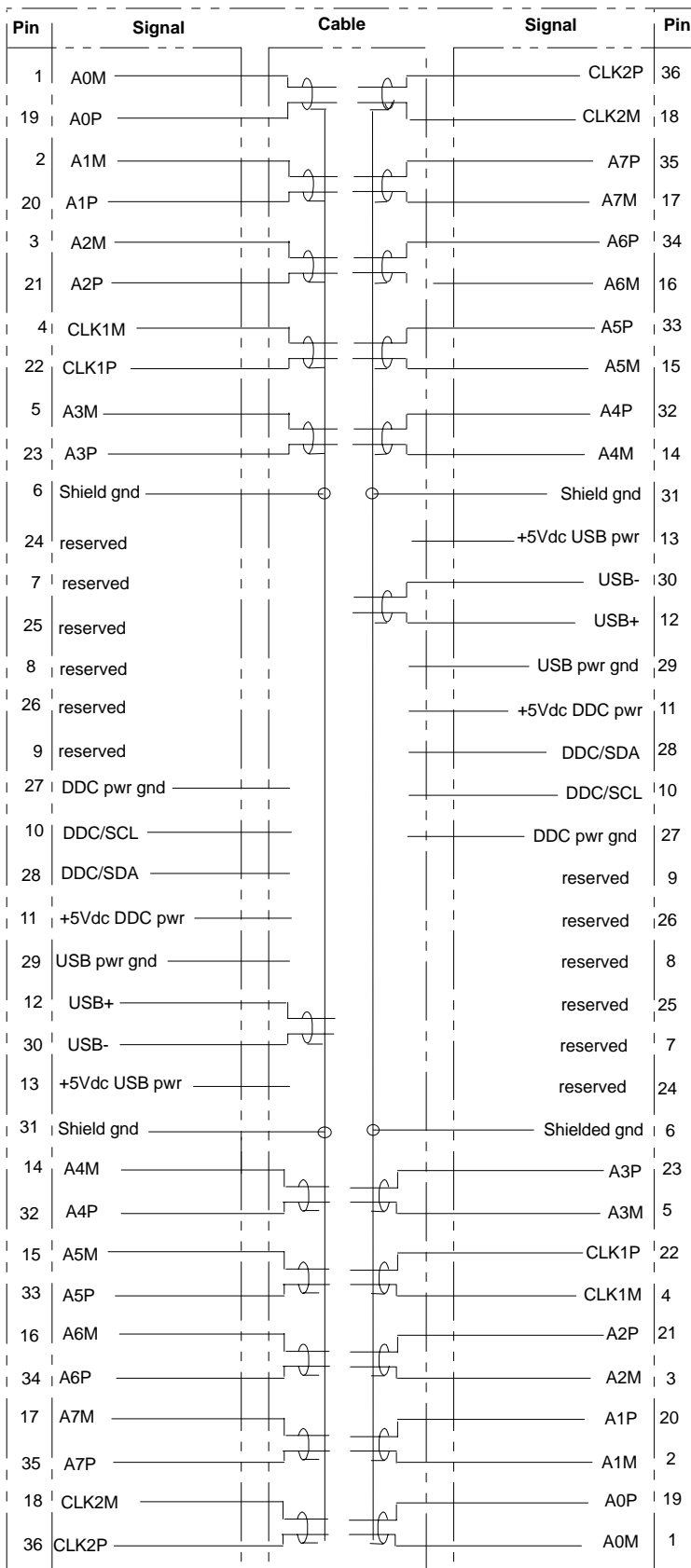
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MDR 36 to 36 Position, Pinout D36-2



Overall cable braid (chassis ground) isolated from inner shields.

Symbols Key:

- 28 AWG - 100 Ohm (90ohms for USB) shielded pair with foil out and shared drain
- 28 AWG insulated wire
- Shared drain

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