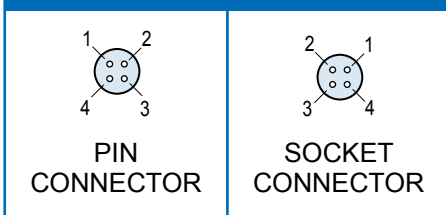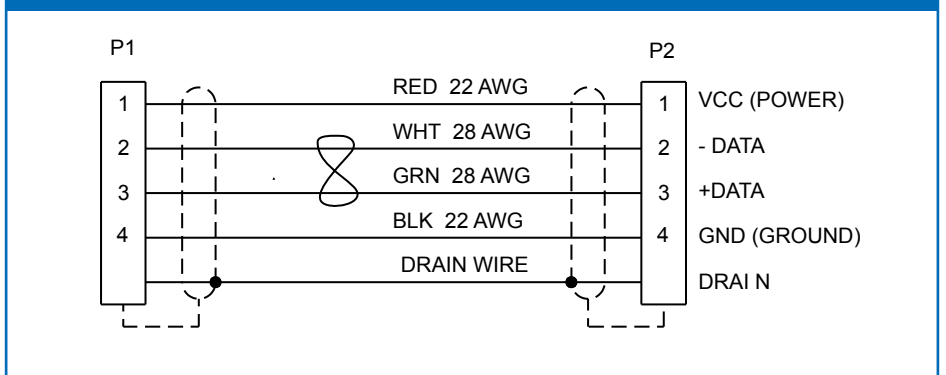## Cordset, USB Type A Plug to Mighty Mouse Connector

These USB 2.0 cordsets have a standard USB type A plug on one end and a ruggedized Mighty Mouse plug on the other end. Low smoke zero halogen cable is UL VW-1 rated. #22 AWG power leads provide maximum current and low resistance. #28 AWG twisted pair data leads help reduce crosstalk. Rugged flexible molded cable ends provide strain relief and ingress protection. 100% tested for continuity and insulation resistance.
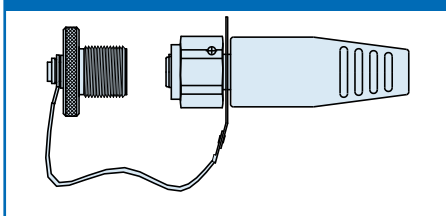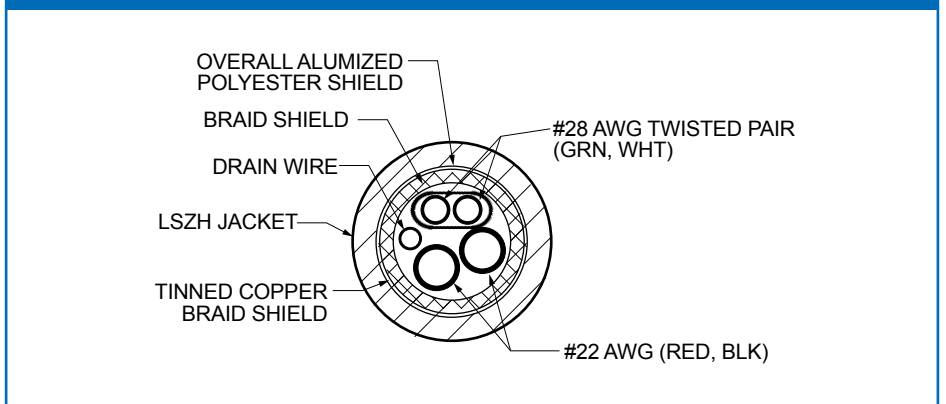


OVERALL LENGTH + 2.0/-0.0 (+50.8/-0.0)

4 PIN MIGHTY MOUSE CONNECTOR

P1

POLYAMIDE OVERMOLD

LSZH JACKET

USB PLUG TYPE A

P2

### P1 PINOUTS

PIN CONNECTOR

SOCKET CONNECTOR

### OPTIONAL COVER



### WIRING DIAGRAM

| P1 | | P2 | |
|---|---|---|---|
| 1 | RED 22 AWG | 1 | VCC (POWER) |
| 2 | WHT 28 AWG | 2 | - DATA |
| 3 | GRN 28 AWG | 3 | +DATA |
| 4 | BLK 22 AWG | 4 | GND (GROUND) |
| | DRAIN WIRE | | DRAI N |

### USB CABLE CONSTRUCTION

OVERALL ALUMIZED POLYESTER SHIELD

BRAID SHIELD

DRAIN WIRE

LSZH JACKET

TINNED COPPER BRAID SHIELD

#28 AWG TWISTED PAIR (GRN, WHT)

#22 AWG (RED, BLK)



K
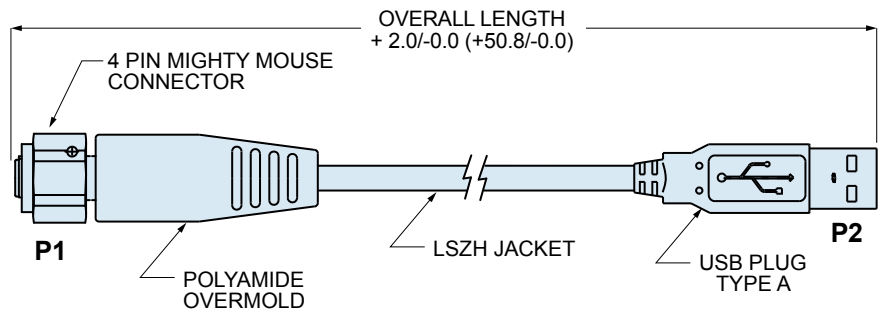
Dimensions in inches (millimeters) and are subject to change without notice.

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01-JANUARY-2010

## MIGHTY MOUSE TO USB TYPE A PLUG CORDSET

### Sample Part Number

| 801-028 | A | ZNU | N | A | -72 |
|---|---|---|---|---|---|
| **Connector Series** | **Connector Type** | **Shell Material / Finish** | **Protective Cover** | **Shell Pol. Pos.** | **Overall Length** |
|  **800-036** Series 800 Cordset, UNF Threaded Coupling, Hex Nut | **A** Plug, with Male Pin Contacts | **M** Aluminum / Electroless Nickel | **P** Metal Protective Cover, with Lanyard (for Mighty Mouse Connector) | Polarizing position depends on the connector series. | Overall Length In Inches |
|  **801-028** Series 801 Cordset, Double-Start Threaded Coupling | **B** Plug, with Female Socket Contacts | **NF** Aluminum / Cadmium with Olive Drab | **N** No Covers Supplied | **For Series 800 and 803:** **N** (Normal)**, X, Y or Z** | 18 36 72 120 |
|  **803-011** Series 803 Cordset, Push-Pull With Bayonet Lock Coupling | **C** Receptacle, with Male Pin Contacts | **ZNU** Aluminum / Zinc-Nickel with Black Chromate | | **For Series 801 and 805:** **A** (Normal), **B, C, D** | |
|  **804-016** Series 804 Cordset, Quick-Disconnect Push-Pull | **D** Receptacle, with Female Socket Contacts | **MT** Aluminum / Nickel-PTFE | | **For Series 804:** **Omit** (Leave Blank) for Single Master Key **A** (Normal), **B, C, D** | |
|  **805-012** Series 805 Cordset, Tri-Start Threaded Coupling with Ratchet and Ground Spring | | **Z1** Stainless Steel / Passivated | | | |

**K**

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