

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)

[14526-EZHB-100-0QC](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# 3M™ Mini D Ribbon (MDR) Cable Assembly

.050" High Speed Digital Data Transmission System - 26 Position 14526-EZHB-XXX-0QC



- 10 shielded pairs plus 4 individual wires for high bandwidth applications
- The solution for high speed datacom and telecom applications
- Each differential pair is shielded with foil; entire cable bundle is shielded with foil and braid for additional signal protection
- Rugged MDR ribbon type contact
- Quick release latches
- RoHS\* compliant

Date Modified: October 11, 2005

TS-0891-07  
Sheet 1 of 3

## Physical

### Connector Contact Plating

Wiping Area: 30 μ" [ 0.76 μm ] 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:**  $100 \pm 10 \Omega$  (USB 90Ω)

**Conductor Size:** 28 AWG Stranded

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

## Environmental

**Temperature Rating:** -20°C to +75°C

"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E86982



**Interconnect Solutions**

<http://www.3M.com/interconnects/>

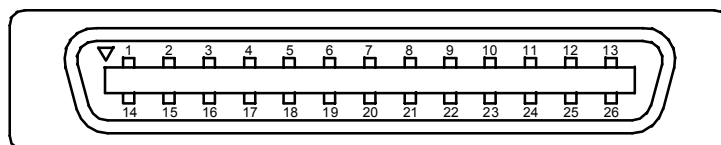
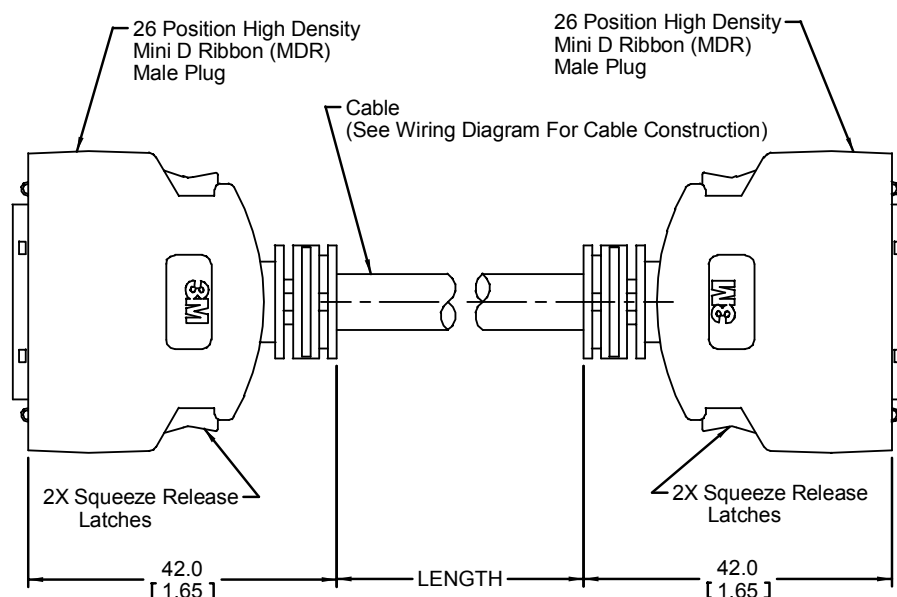
3M is a trademark of 3M Company.

For technical, sales or ordering information call

**800-225-5373**

# 3M™ Mini D Ribbon (MDR) Cable Assembly

.050" High Speed Digital Data Transmission System - 26 Position 14526-EZHB-XXX-0QC



mm  
[Inch]

Tolerance Unless Noted		
	0.0	0.00
mm	±.1	±.10

[ ] Dimensions for Reference only



## Ordering Information

**14526-EZHB-XXX-0QC**

Length:  
100 = meter  
200 = 2 meter  
500 = 5 meter  
A00 = 10 meter

TS-0891-07  
Sheet 2 of 3



**Interconnect Solutions**

<http://www.3M.com/interconnects/>

3M is a trademark of 3M Company.

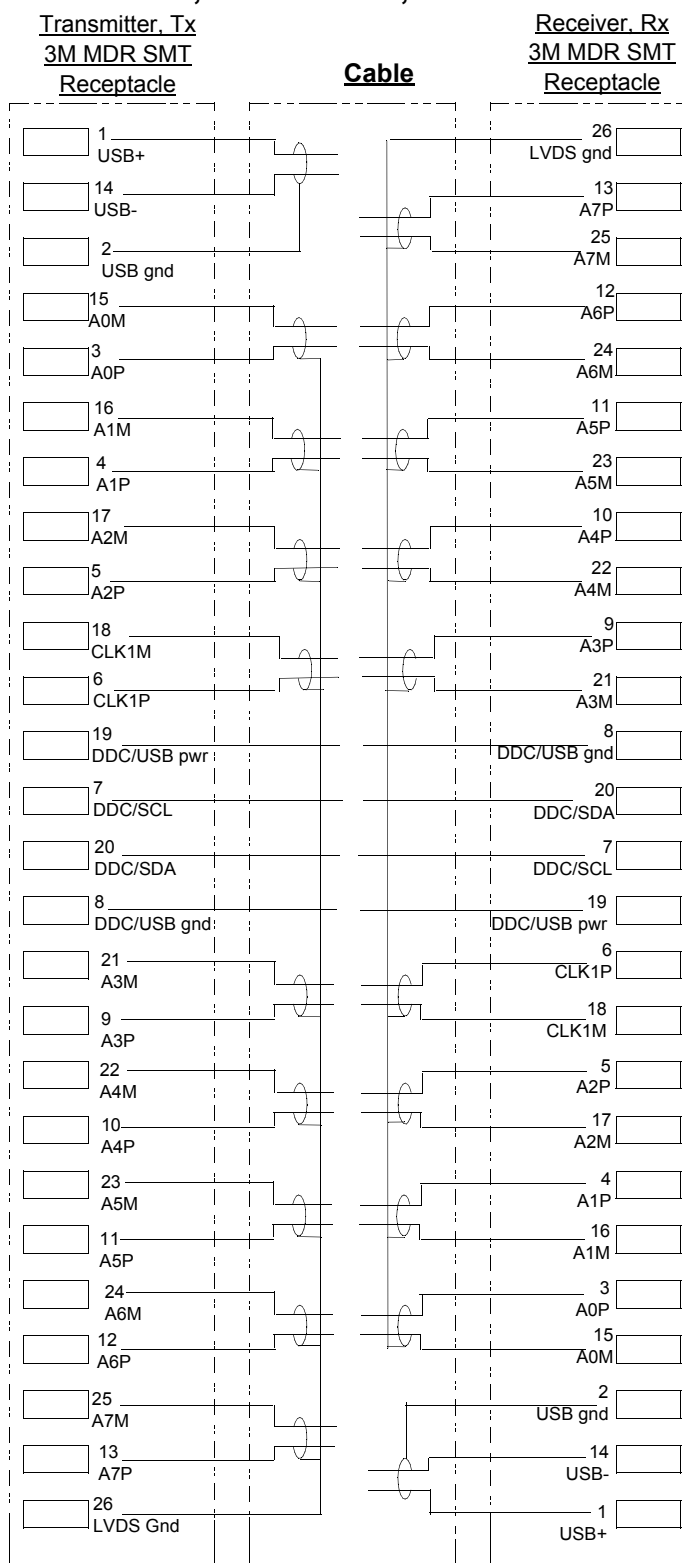
For technical, sales or ordering information call

**800-225-5373**

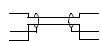
# 3M™ Mini D Ribbon (MDR) Cable Assembly

.050" High Speed Digital Data Transmission System - 26 Position 14526-EZHB-XXX-0QC

## MDR 26 Position, Pinout D26-1, Rev A Pin One to One



### Symbols Key:



100 Ohm balanced individually shielded twisted pair (USB pair 90 ohms).

28 AWG insulated conductor

Note: The shields of the 100 Ohm pairs are in common in the cable and share a common drain wire, LVDS ground.

TS-0891-07  
Sheet 3 of 3



**Interconnect Solutions**

<http://www.3M.com/interconnects/>

3M is a trademark of 3M Company.

For technical, sales or ordering information call

**800-225-5373**

### Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

**3M****Electronics**

6801 River Place Blvd.  
Austin, TX 78726-9000  
800/328-1368  
[www.3M.com/electronics](http://www.3M.com/electronics)

### Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



Minimum 10%  
Post-Consumer Fiber

Printed in USA.

© 3M 2005