



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M™ Mini D Ribbon (MDR) Cable Assembly

.050" Twisted Pair Digital Transmission System - 26 to 26 Position

4926-01XX



- .050" MDR differential signal transmission interconnect
- Flexible twisted pair round cable with overall braid/foil shield
- Ribbon-type contact for reliable repetitive plugging/unplugging
- Quick release latches
- RoHS* compliant

Date Modified: May 12, 2006

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Physical

Connector Contact Plating

Wiping Area: Wiping Area: 30 μ " [0.76 μ m] Min. Gold
Shell Material: Acrylonitrile Butadiene Styrene (ABC)
Cable Color: Beige
Cable Jacket Material: Polyvinyl Chloride (PVC)
Flammability: AWM VW-1
Shell Color: Beige

Electrical

Voltage Rating: 30 V
Current Rating: 1 A
Insulation Resistance: $> 5 \times 10^8 \Omega$ at 500 Vdc
Withstanding Voltage: 500 Vrms for 1 minute
Twisted Pairs
Characteristic Impedance: 100 Ω
Conductor: 28 AWG Stranded

Environmental

Temperature Rating: -20°C to +75°C
Flammability Rating: N.E.C. 725, CL2

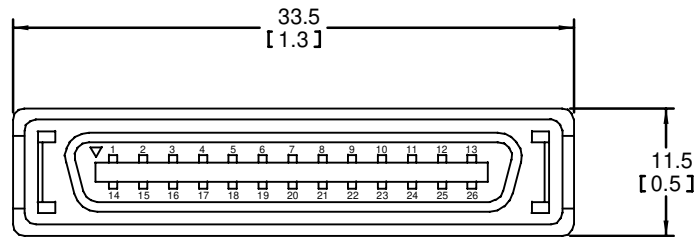
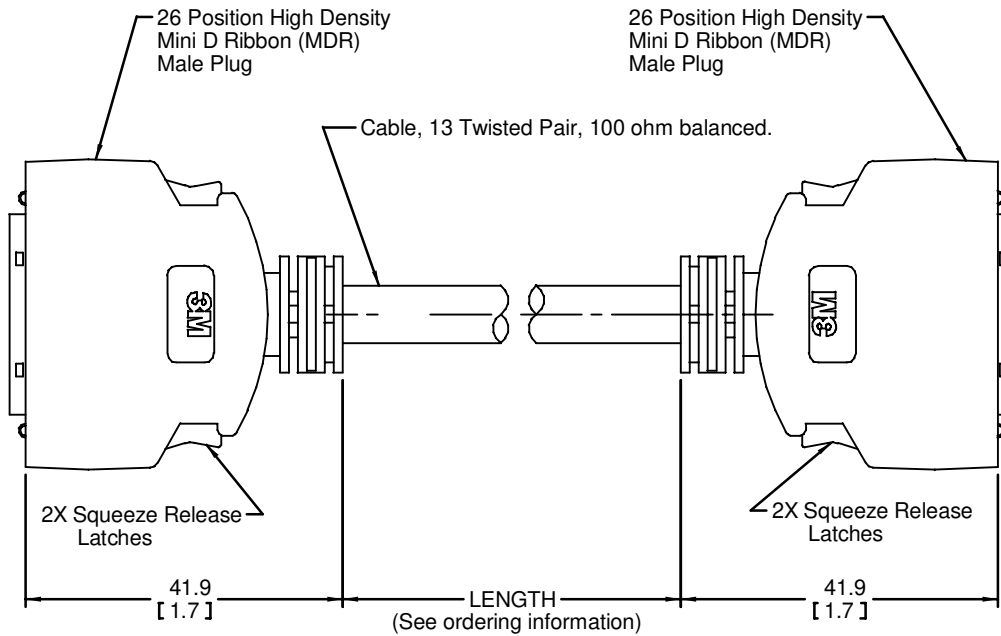
*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, 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

3M™ Mini D Ribbon (MDR) Cable Assembly

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MDR 26 Position Plug
(Both Ends)

mm
[Inch]

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

[] Dimensions for Reference only

Assembly Length Tolerance

Cable Length:
0.5 to 1.5 meters -0 + .05 meters
2 to 10 meters -0 +3% of length



Ordering Information

4926-01XX

- Length
- 01 = 1 meter
- 02 = 2 meter
- 03 = 3 meter
- 05 = 5 meter
- 24 = 2 ft. (Special order)

Note: Call 3M for details on custom polarizing keys for receptacle and plugs.

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3M™ Mini D Ribbon (MDR) Cable Assembly

.050" Twisted Pair Digital Transmission System - 26 to 26 Position

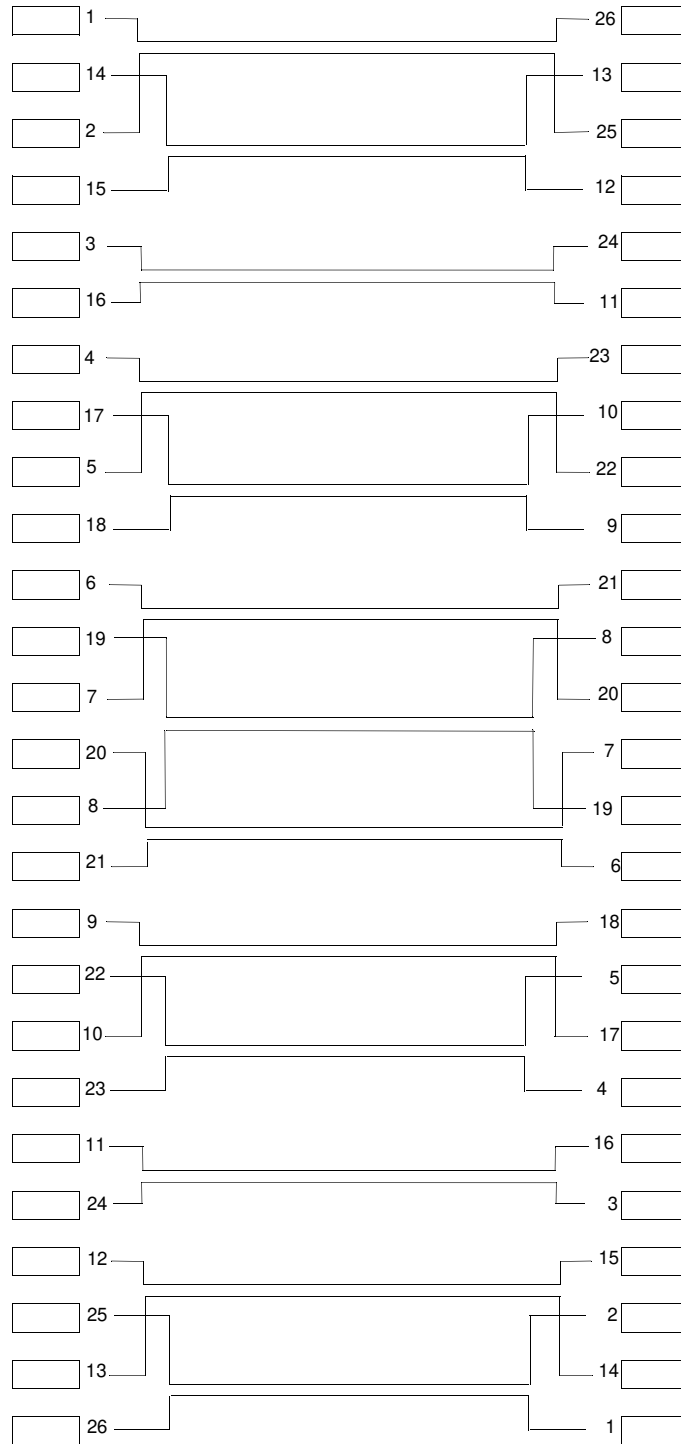
4926-01XX

MDR 26 Position, Pinout P26-7 / F26-7, Version 3644B/26 Cable (Note: Cable assembly is reversible)


Transmitter (Host)
3M MDR SMT Receptacle

Cable Assembly

Receiver (Monitor)
3M MDR SMT Receptacle



Symbols Key:


100 ohm balanced
twisted pair

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Post-Consumer Fiber

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