

3M™ Mini D Ribbon (MDR) Cable Assembly

.050" High Speed Digital Data Transmission System - 26 to 26 Position 14526-EZ5B-XXX-02C



- Eight shielded differential pairs
- Each differential twin-ax pair has a foil shield and drain wire
- 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 19, 2005

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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: $100 \pm 10 \Omega$

Conductor Size: 30 AWG Stranded

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

Environmental

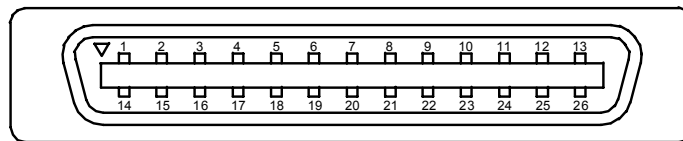
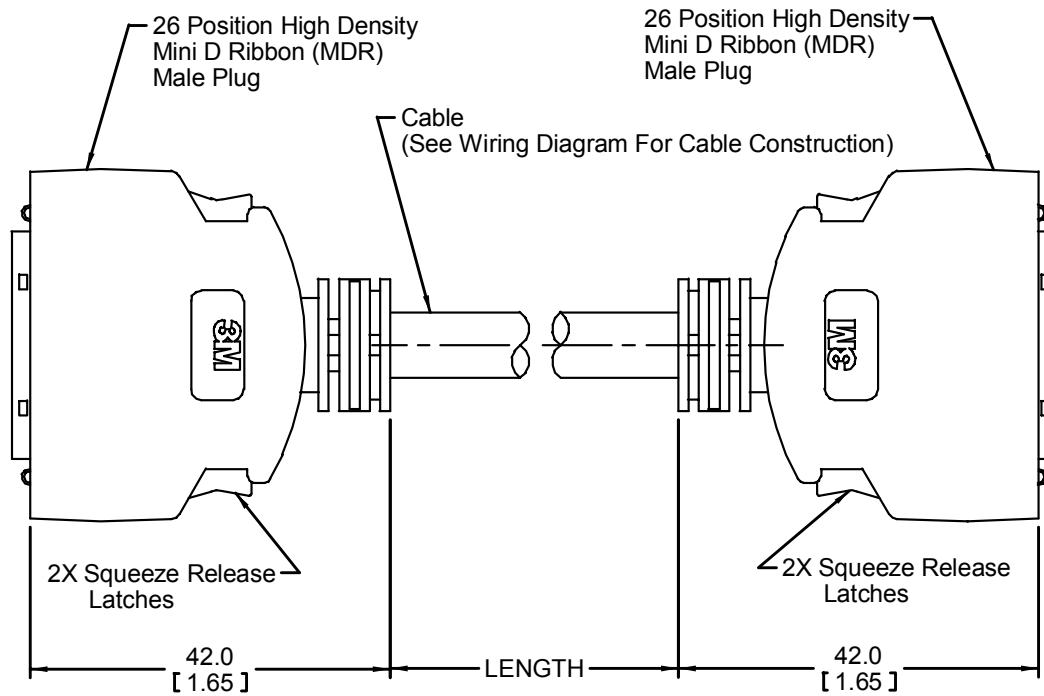
Temperature Rating: -20°C to +75°C

"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

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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



Ordering Information

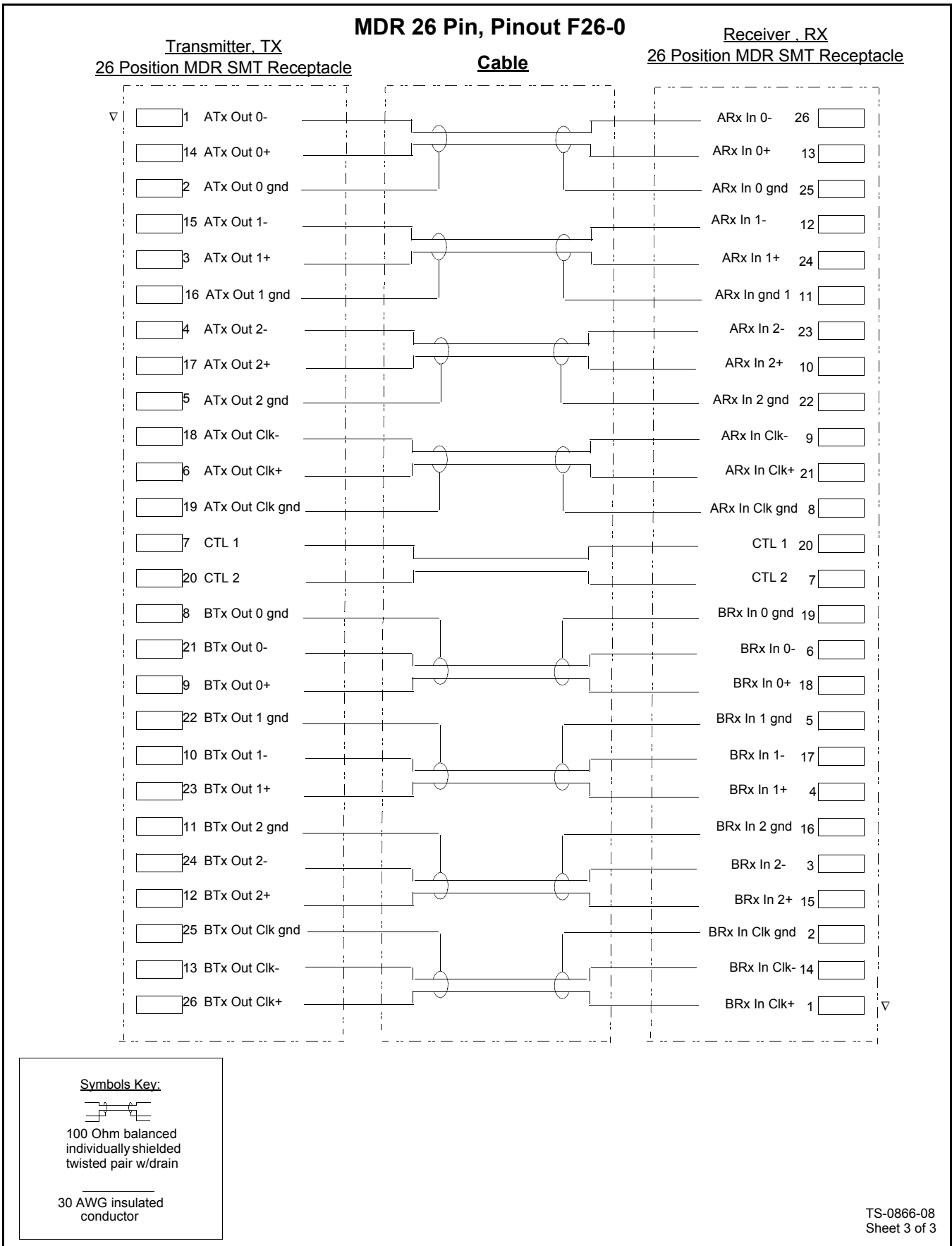
14526-EZ5B-XXX-02C

Length:
050 = .5 meters
100 = 1 meter
200 = 2 meters
300 = 3 meters
500 = 5 meters

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Minimum 10%
Post-Consumer Fiber

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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