

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

.050" IEEE 1284, C-C - 36 Position

4120-4120-XX-B Series



- IEEE 1284 compliant cable assembly
- Assembly construction bridges old design standard to newest one.
- Available in 6, 10 and 30 foot lengths
- Excellent EMI/ESD protection
- Quick release latches, Type C Plug to Type C Plug
- All connectors have 30 micro inch gold plating
- RoHS\* compliant

Date Modified: April 6, 2007

TS-0642-06  
Sheet 1 of 2

---

## Physical

### Contact Plating

Wiping Area: 30 $\mu$ " [ 0.76 $\mu$ m ] Min. Gold

Color: Beige

Marking: 3M Logo, Cable assemblies marked "IEEE 1284 Compliant"

---

## Electrical

**Voltage Rating:** 30 V

**Current Rating:** 1 A

**Insulation Resistance:** > 5  $\times$  10<sup>8</sup> $\Omega$  at 500 V<sub>DC</sub>

**Withstanding Voltage:** 500 V<sub>RMS</sub> for 1 minute

Note: Assemblies meet the performance requirements outlined in IEEE 1284 standard specification.

---

## Environmental

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

\*\*RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum in concentration values EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

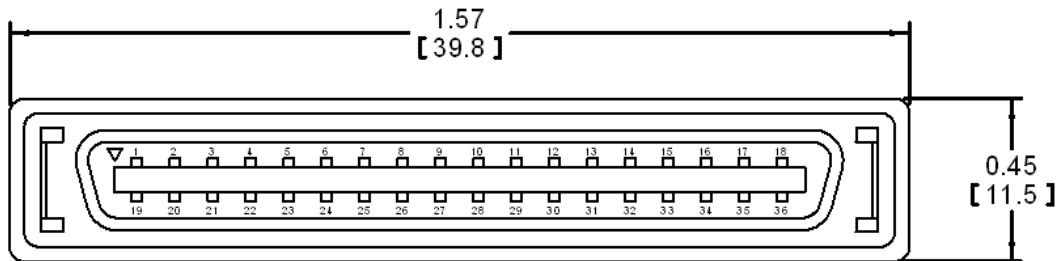
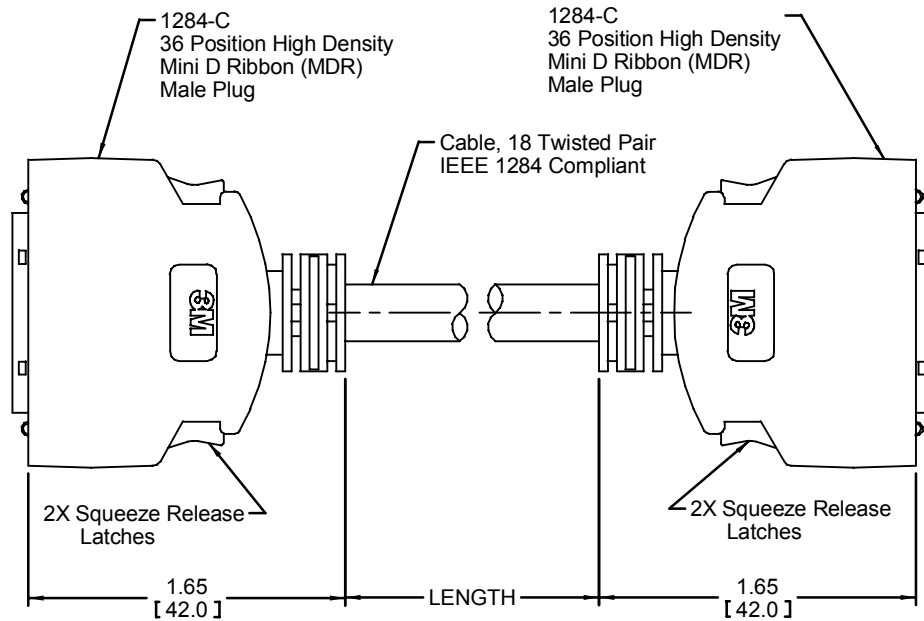
In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.

UL File No.: E86982

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

.050" IEEE 1284, C-C - 36 Position

4120-4120-XX-B Series



MDR 36 Position Plug  
Both Ends

3M Part Number	Length
4120-4120-06-B	72.0 ± 3.0 [ 1829 ± 76 ]
4120-4120-10-B	120.0 ± 3.0 [ 3048 ± 76 ]
4120-4120-30-B	360.0 ± 6.0 [ 9144 ± 152 ]

Inch [ mm ], [ ] Dimensions for Reference Only



Inch  
[mm]

Tolerance Unless Noted		
	.0	.00
inch	±.1	±.01
		±.005

[ ] Dimensions for Reference Only

## Ordering Information

**4120-4120-XX-B**

06 = 6 feet [1.8 meters]  
10 = 10 feet [3.0 meters]  
30 = 30 feet [9.1 meters]

TS-0642-06  
Sheet 2 of 2

## 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  
800/225-5373  
[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.

© All rights reserved. 3M 2007

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9