

# 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

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## Physical

### Contact Plating

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

Color: Beige

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

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## 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.

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## 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.

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UL File No.: E86982

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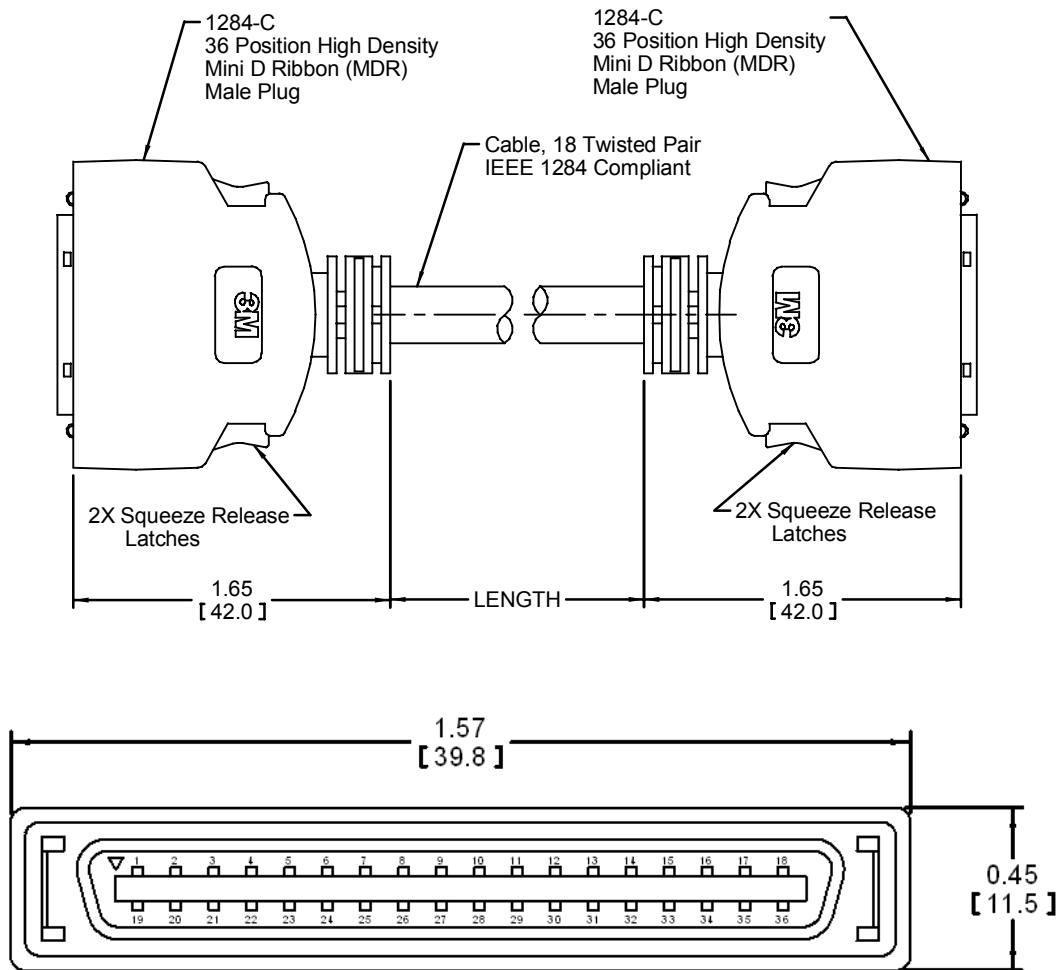
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4120-4120-XX-B Series



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]

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# 3M

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Minimum 10%  
Post-Consumer Fiber

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