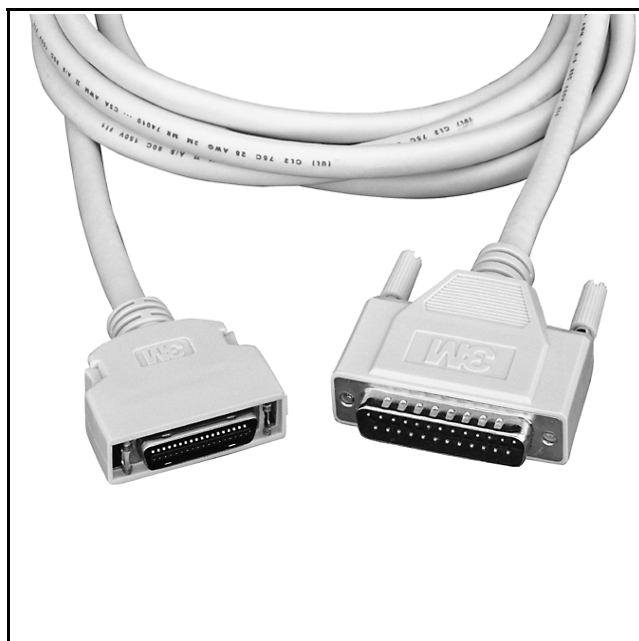


# 3M™ Mini D Ribbon (MDR) Cable Assembly

.050" IEEE 1284, A-C

4120-1110-XX-B Series



- IEEE 1284 compliant MDR cable assembly
- Assembly construction bridges old design standard to the newest one.
- Available in 6, 10 and 30 foot lengths
- Excellent EMI/ESD protection
- Quick release "C" plug latches
- Overmolded  $\pm A$ " plug shell with insulated thumbscrews
- All connectors have 30 micro inch gold plating
- RoHS\* compliant

Date Modified: May 12, 2006

TS-0640-07  
Sheet 1 of 2

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## Physical

### Contact Plating:

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

**Shell and Cable 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:**  $> 5 \times 10^8 \Omega$  at 500 VDC

**Withstanding Voltage:** 500 Vrms 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 = 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



Interconnect Solutions

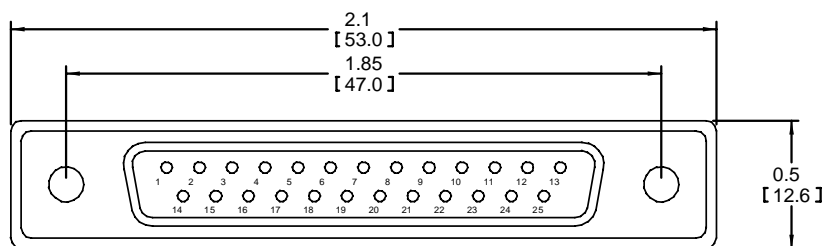
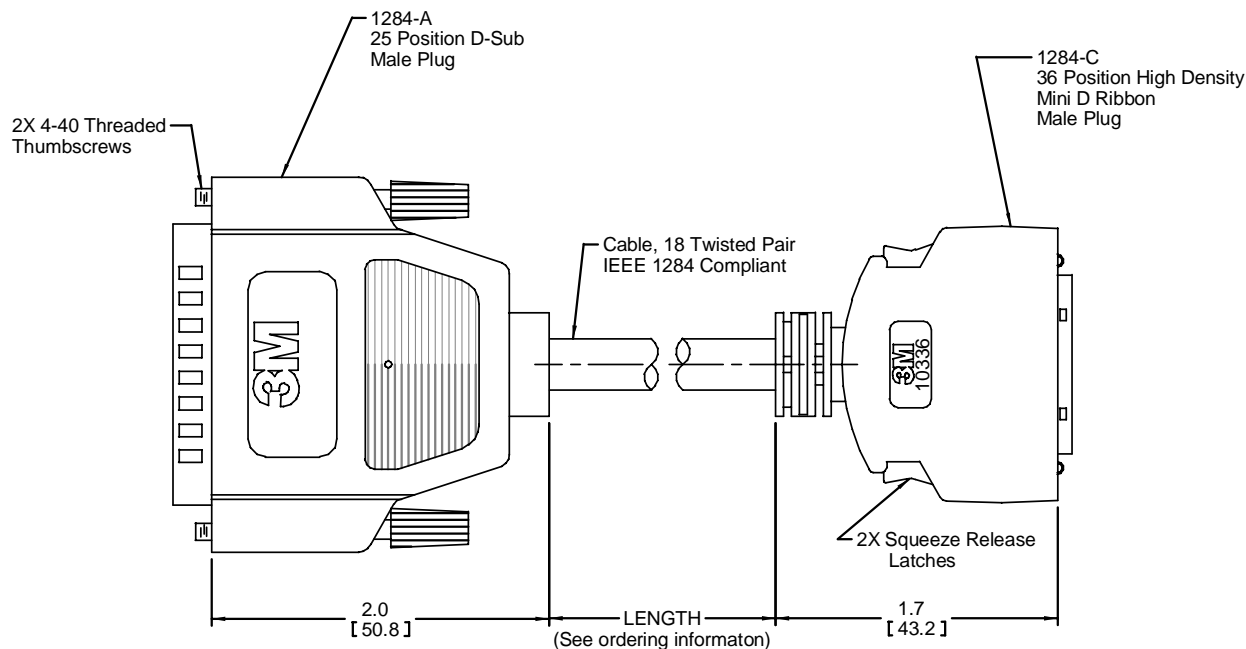
<http://www.3M.com/interconnects/>

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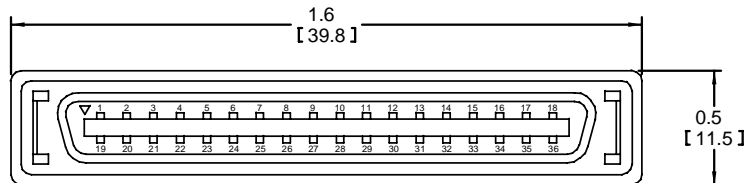
# 3M™ Mini D Ribbon (MDR) Cable Assembly

.050" IEEE 1284, A-C

4120-1110-XX-B Series



D-Sub 25 Position Plug  
One End



MDR 36 Position Plug  
One End

Tolerance Unless Noted			
Inch	.0	.00	.000
[mm]			
Inch	±.1	±.01	±.005

[ ] Dimensions for  
Reference only

3M Part Number	Length Dimension and Tolerance
4120-1110-06-B	72.0 ± 3.0 [ 1829 ± 76 ]
4120-1110-10-B	120.0 ± 3.0 [ 3048 ± 76 ]
4120-1110-30-B	360.0 ± 6.0 [ 9144 ± 152 ]

## Ordering Information

**4120-1110-XX-B**

Length  
06 = 6 feet  
10 = 10 feet  
30 = 30 feet

TS-0640-07  
Sheet 2 of 2



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Minimum 10%  
Post-Consumer Fiber

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