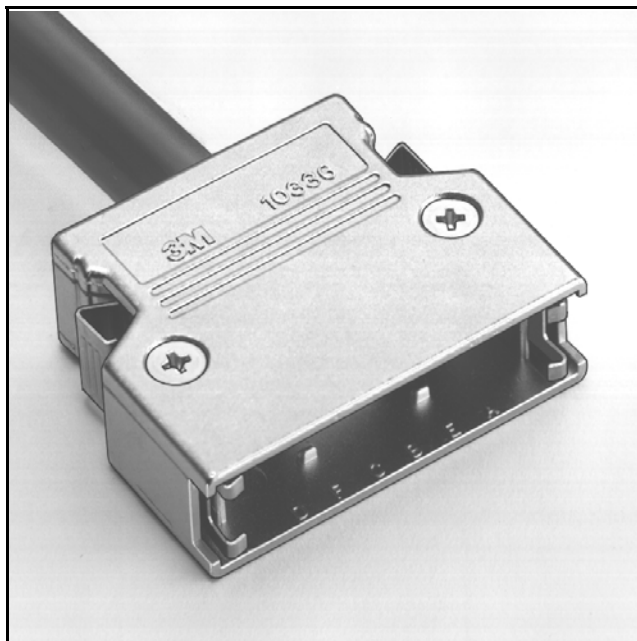


# 3M™ Mini D Ribbon (MDR) Connectors

Metal Junction Shell for Round Cable

103 Series



- Metal junction shell for round cable
- Rugged two-piece die cast metal shell with round straight exit (compatible with 101XX-6000 EC plug)
- Reliable metal strain relief clamp provides grounding for cable shield
- Excellent EMI/ESD protection
- Quick release latching mechanism
- Positions: 14, 20, 26, 36, 40, 50, 68 and 100
- RoHS\* compliant

Date Modified: March 7, 2006

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## Physical

### Shell:

**Material:** Aluminum, .050" [ 1.27 mm ] Thick

**Plating:** Nickel

**Marking:** 3M Logo and Part Number Identification

\*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 proposed maximum concentration values in any homogeneous material (unless exempt under RoHS): (a) 0.1% (by weight) for each of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium.

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**Top Shell**

**Bottom Shell**

Dimensions: A, B, C, D, E, .09 [2.2], .37 [9.4], 1.26 [32.0]

**Package Contents:**

- 1 - Cable Clamp (Plated Steel)
- 2 - M2.6 x 6mm Flat Head Screws
- 2 - M2.6 x 4mm Pan Head Screws
- 2 - Metal Shell Halves
- 2 - Metal Latches

**Assembled Junction Shell**

This Feature is only on the 100 Pos.

**Inch**  
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[ ] Dimensions for Reference Only

Contact Quantity	Dimensions				
	A	B	C	D	E
14	1.01 [25.8]	.78 [19.9]	.27 [6.8]	----	----
20	1.17 [29.7]	.82 [21.0]	.31 [8.0]	----	----
26	1.32 [33.5]	.98 [24.8]	.33 [8.5]	----	----
36	1.57 [39.8]	1.22 [31.3]	.35 [9.0]	----	----
40	1.67 [42.4]	1.32 [33.7]	.35 [9.0]	----	----
50	1.92 [48.7]	1.57 [40.0]	----	.39 [10.0]	.18 [4.5]
68	2.37 [60.1]	2.02 [51.4]	----	.47 [12.0]	.18 [4.5]
100	3.16 [80.2]	2.81 [71.5]	----	.47 [12.0]	.22 [5.5]

## Ordering Information

**103XX-A200-00**

Contact Quantity (See Table)  
Note 100 position = A0

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## Important Notice

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# 3M

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Minimum 10%  
Post-Consumer Fiber

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