

# 3M™ Mini D Ribbon (MDR) Connectors

.050" Plastic Shielded Junction Shell for Round Cable

103 Series



- Durable one piece plastic over two piece metal junction shell for straight round cable (compatible with 101XX-6000 EC plug)
- Quick release latching
- MDR digital LCD Interface as a 20 or 26 contact connector
- Contacts: 14, 20, 26, 36, 40, 50 and 68
- RoHS\* compliant

Date Modified: January 31, 2006

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## Physical

### Outer Shell

Material: ABS

Flammability: UL 94V-0

Color: Beige, Medium Gray, and Black

### Inner Shell

Material: Steel, .020" [ 0.5 mm ] Thick

Plating: Nickel

Marking: 3M Logo and Part Number

"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.



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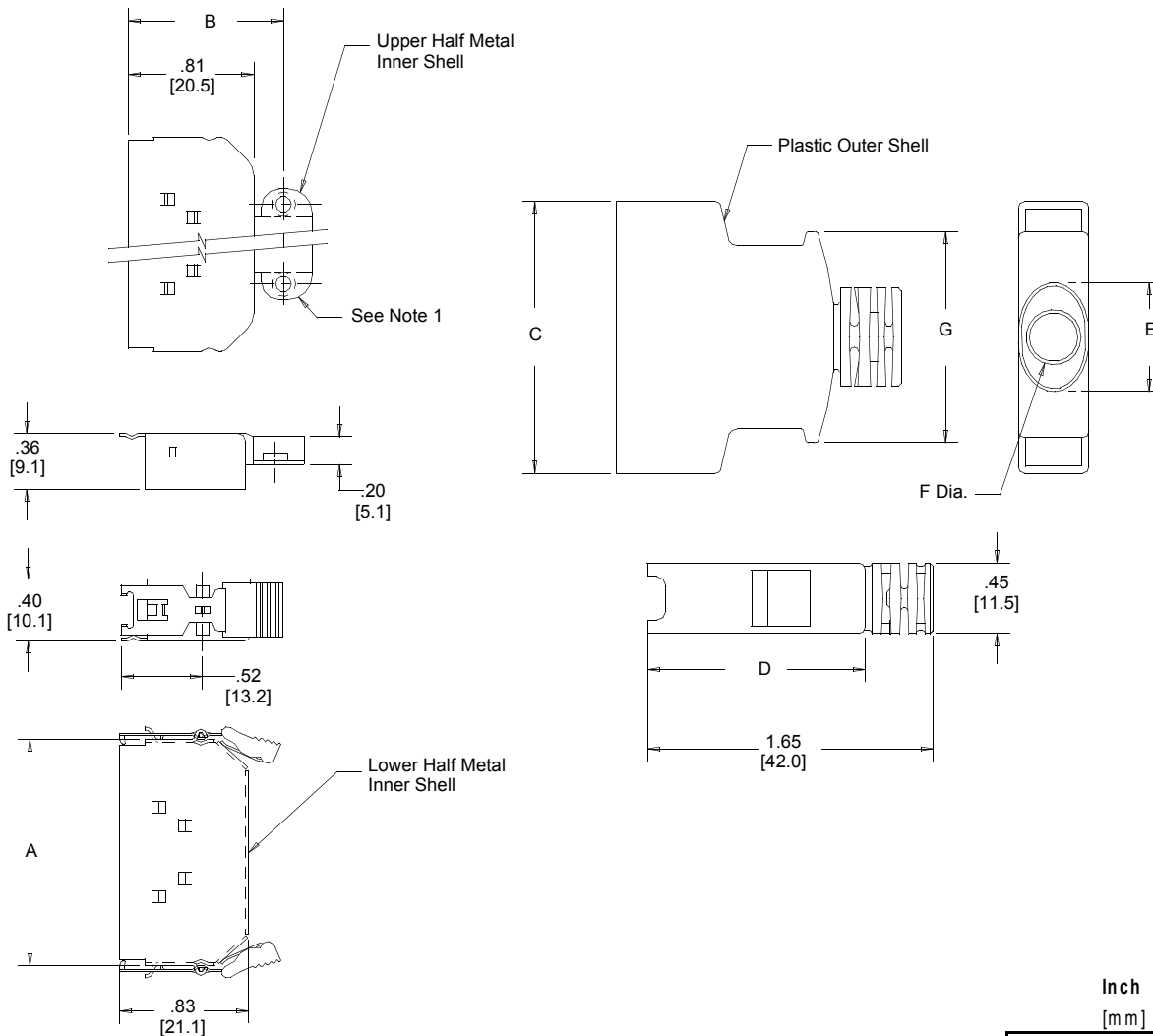
800-225-5373

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.050" Plastic Shielded Junction Shell for Round Cable

103 Series

| Contact Quantity | Dimensions    |               |               |               |              |             |               |
|------------------|---------------|---------------|---------------|---------------|--------------|-------------|---------------|
|                  | A             | B             | C             | D             | E            | F           | G             |
| 14               | .76 [ 19.4 ]  | 1.15 [ 29.3 ] | 1.02 [ 25.9 ] | 1.30 [ 33.0 ] | .57 [ 14.5 ] | .25 [ 6.3 ] | .67 [ 17.1 ]  |
| 20               | .91 [ 23.2 ]  | 1.15 [ 29.3 ] | 1.17 [ 29.7 ] | 1.30 [ 33.0 ] | .57 [ 14.5 ] | .26 [ 6.7 ] | .82 [ 20.9 ]  |
| 26               | 1.06 [ 27.0 ] | 1.15 [ 29.3 ] | 1.32 [ 33.5 ] | 1.30 [ 33.0 ] | .57 [ 14.5 ] | .28 [ 7.1 ] | .97 [ 24.8 ]  |
| 36               | 1.31 [ 33.3 ] | 1.01 [ 25.6 ] | 1.57 [ 39.8 ] | 1.26 [ 32.0 ] | .63 [ 16.0 ] | .32 [ 8.1 ] | 1.22 [ 31.1 ] |
| 40               | 1.41 [ 35.8 ] | .98 [ 24.8 ]  | 1.67 [ 42.4 ] | 1.26 [ 32.0 ] | .63 [ 16.0 ] | .32 [ 8.2 ] | 1.32 [ 33.6 ] |
| 50               | 1.66 [ 42.2 ] | .98 [ 24.8 ]  | 1.92 [ 48.7 ] | 1.26 [ 32.0 ] | .63 [ 16.0 ] | .34 [ 8.7 ] | 1.57 [ 40.0 ] |
| 68               | 2.11 [ 53.6 ] | .98 [ 24.8 ]  | 2.37 [ 60.1 ] | 1.26 [ 32.0 ] | .71 [ 18.0 ] | .36 [ 9.1 ] | 2.02 [ 51.4 ] |



## Notes:

1. Part number includes a cable clamp and 2X M2.6 screws. These parts are not shown.
2. Panel thickness including washers must be less than 2.0 mm.

Inch  
[mm]

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

[ ] Dimensions for Reference Only

## Ordering Information

**103XX-3210-00X**

Contact Quantity  
(See Table)

Color Code:  
0 = Beige (Standard)  
3 = Medium Gray (Special)  
6 = Black (Special)

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Sheet 2 of 2



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### 3M Electronics

6801 River Place Blvd.  
Austin, TX 78726-9000  
800/225-5373  
[www.3M.com/electronics](http://www.3M.com/electronics)

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Minimum 10%  
Post-Consumer Fiber

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