



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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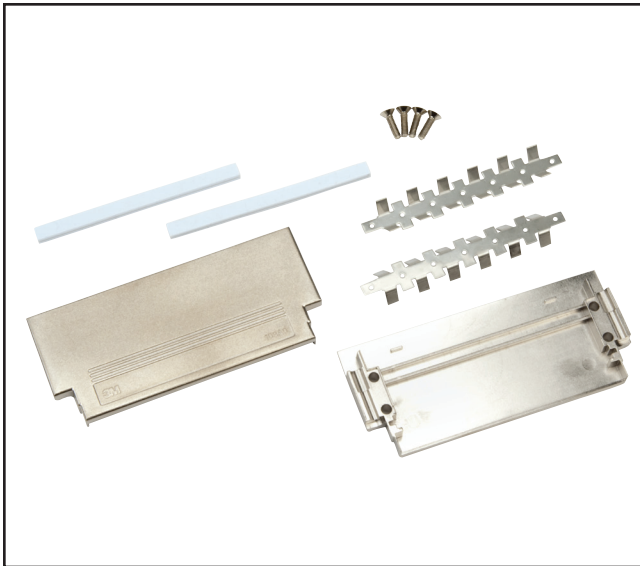
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 3M™ Mini D Ribbon (MDR) Connectors

.050" Metal Junction Shell for Flat Cable

103 Series



- Rugged two piece metal junction shell for straight flat cable (compatible with 101XX-6000EC plug)
- Jackscrew latching for connection stability
- Contacts: 68, 80 and 100
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of [www.3Mconnector.com](http://www.3Mconnector.com) for compliance information (RIA E1 & C1 apply)

Date Modified: March 10, 2010

TS-0666-B  
Sheet 1 of 2

## Physical

### Shell

Material: Zinc, .030" [ 0.8 mm ] Thick

Plating: Nickel

Gasket Material: Elastomer with Conductive Fibers

Marking: 3M Logo and Part Number



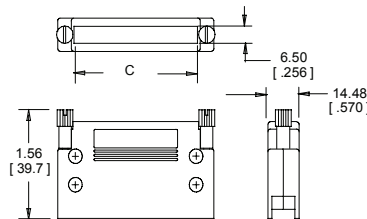
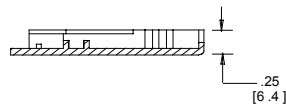
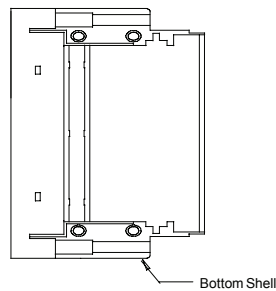
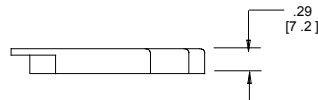
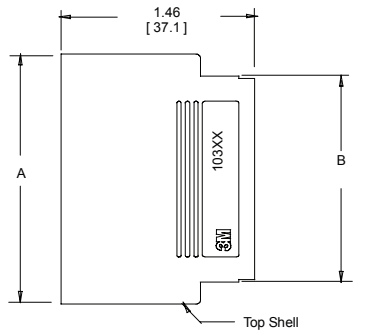
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.050" Metal Junction Shell for Flat Cable

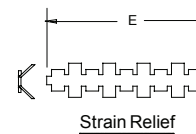
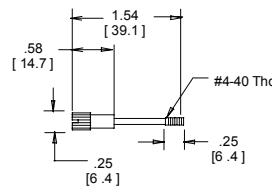
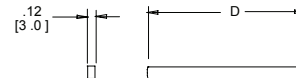
103 Series

Contact Quantity	Dimensions				
	A	B	C	D	E
68	2.51 [ 63.8 ]	2.07 [ 52.6 ]	1.98 [ 50.3 ]	1.76 [ 44.8 ]	1.85 [ 46.9 ]
80	2.81 [ 71.4 ]	2.37 [ 60.2 ]	2.28 [ 57.9 ]	2.06 [ 52.4 ]	2.25 [ 57.2 ]
100	3.31 [ 84.1 ]	2.87 [ 72.9 ]	2.78 [ 70.6 ]	2.56 [ 65.1 ]	2.66 [ 67.5 ]

Package Contents:  
 4 ea - M2.5 Pozidriv® flat head self-tapping screws  
 2 ea - Metal shell halves  
 2 ea - Thumb screws, #4-40  
 2 ea - Elastomer Gaskets  
 2 ea - Ground Plates



Package Contents:  
 4 ea M2.5 Pozidriv® Flat Head Self-tapping Screws  
 2 ea Metal Shell Halves  
 2 ea Thumb Screws, #4-40  
 2 ea Elastomer Gaskets  
 2 ea Ground Plates



Inch  
[mm]

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

[ ] Dimensions for Reference only

**Notes:**

1. Accepts 3M Part Number 101XX-6000 Connector and 90101/XX Pleated Foil Cable.
2. Use Pozidriv® screwdriver point size 1. Pozidriv® is a registered trademark of Phillips Screw Company.

## Ordering Information

**103XX - 12R1 - 00**

Contact Quantity (See Table)  
 Note 100 position = A0

TS-0666-B  
 Sheet 2 of 2

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