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

Date Modified:May 30, 2003

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

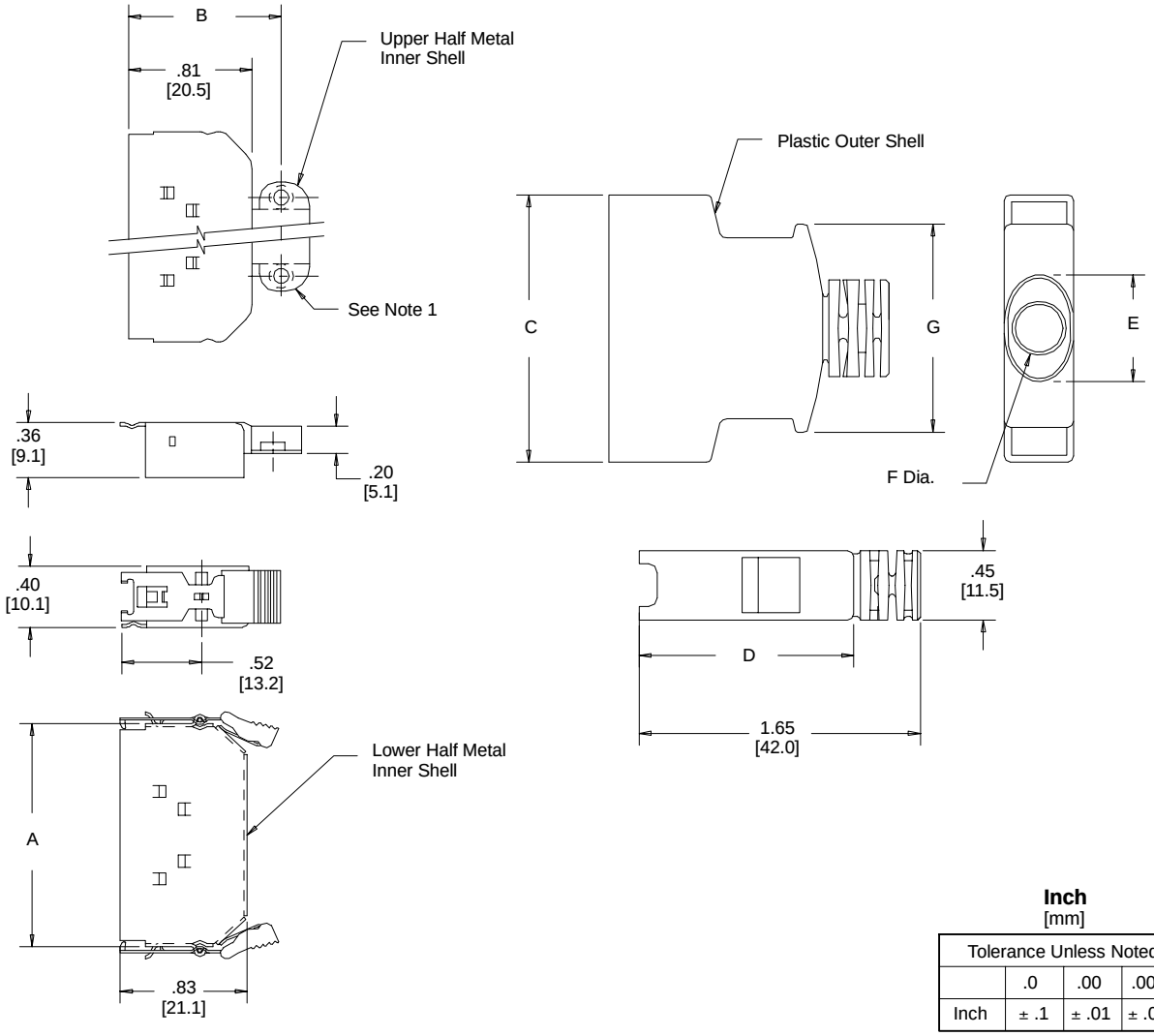
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.050” Plastic Shielded Junction Shell for Round Cable

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]



Inch
[mm]

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

[ ] Dimensions for Reference only

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.

Ordering Information

103XX-3210-00X

- XX: Contact Quantity (See Table)
- X: Color Code:
  - 0 = Beige (Standard)
  - 3 = Medium Gray (Special)
  - 6 = Black (Special)

3M
Interconnect Solutions
http://www.3M.com/interconnects/

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For technical, sales or ordering information call
800-225-5373

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