



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!



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3M™ Mini D Ribbon (MDR) Connectors

.050" Solder Plug Connector — Shielded

101 Series



- Wiper-on-wiper contact for reliable repetitive plugging
- Solder cup termination requires no special tooling
- Accepts a wide variety of discrete wire (24 to 30 AWG) cable construction
- Contacts: 14, 20, 26, 36, 40 and 50

Date Modified: June 26, 2003

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Sheet 1 of 2

Physical

Insulation

Material: Glass Reinforced Polyester (PCT)
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy (C521)

Plating

Underplating: 80 μ " (2.0 μ m) Nickel — QQ-N-290, Class 2
Wiping Area: 20 μ " (0.51 μ m) Min Gold — MIL-G-45204, Type II, Grade C
Solder Area: Tin-Lead

Shroud

Material: Steel
Plating: Nickel
Wire Accomodation: 24, 26, 28 & 30 AWG

Marking: 3M Logo and Part Number

Electrical

Current Rating: 1 A
Insulation Resistance: $> 5 \times 10^8 \Omega$ at 500 VDC
Withstanding Voltage: 500 Vrms for 1 Minute

Environmental

Temperature Rating: -55°C to +105°C
Solder Process: 360°C max for 10 sec. max

UL File No.: E68080

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

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

3M™ Mini D Ribbon (MDR) Connectors

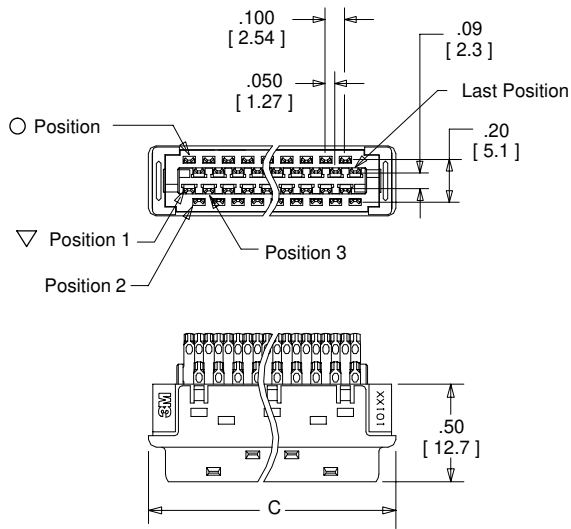
.050" Solder Plug Connector — Shielded

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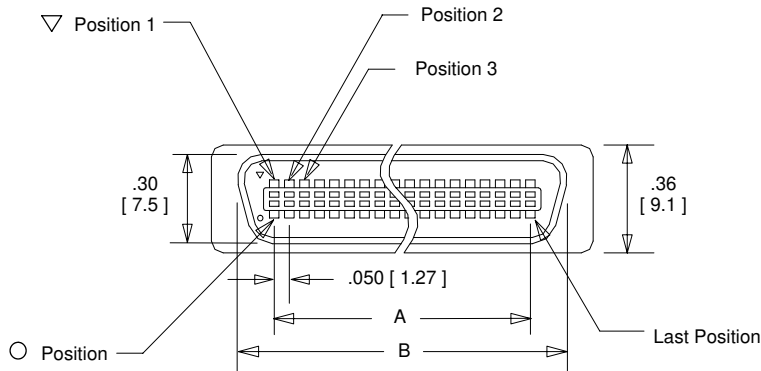
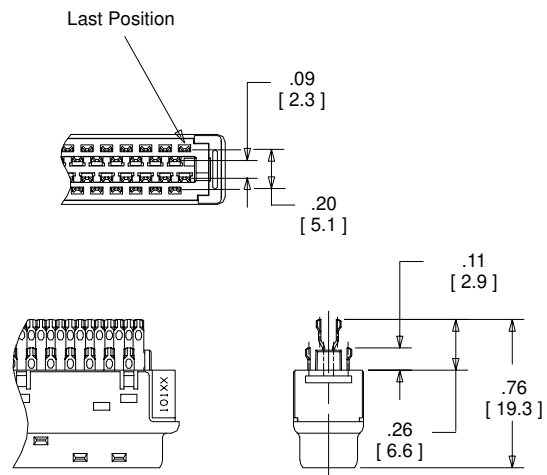
Contact Quantity	Dimensions		
	A	B	C
14	.300 [7.62]	.54 [13.8]	.72 [18.2]
20	.450 [11.43]	.69 [17.6]	.87 [22.0]
26	.600 [15.24]	.85 [21.5]	1.02 [25.8]
36	.850 [21.59]	1.09 [27.8]	1.27 [32.2]
40	.950 [24.13]	1.19 [30.3]	1.37 [34.7]
50	1.200 [30.48]	1.44 [36.7]	1.62 [41.1]



20, 36 & 40 Position



14, 26 & 50 Position



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

[] Dimensions for Reference only

Ordering Information

101XX-3000VE

Contact Quantity (See Table)

Note: This solder plug connector must be used with only 3M Non-Shielded Shell Kits 103XX-52FO-008 Series and 103XX-52A0-008 Series.

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