



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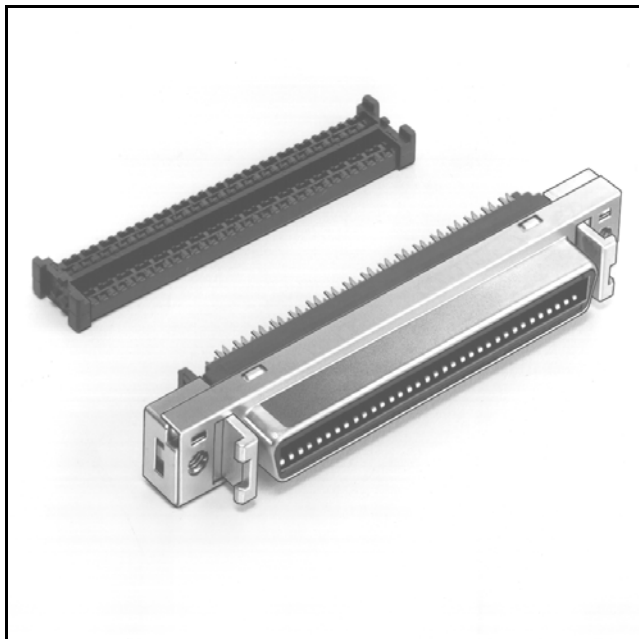
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ Mini D Ribbon (MDR) Connectors

.050" IDC Wiremount Panelmount Receptacle - Shielded

102 Series



- Wiper-on-wiper contact for reliable repetitive plugging
- IEEE 1284C Interface as a 36 contact connector
- Interface latch design for connection stability
- Accepts a wide variety of cable constructions including flat, shielded flat and twisted pair cables
- Contacts: 20, 26, 36, 40, 50 and 68
- RoHS* compliant

Date Modified: February 8, 2005

TS-0425-12
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Physical

Insulation

Material: Glass Reinforced Polyester (PBT)

Flammability: UL 94V-0

Color: Black

Contact

Material: Beryllium Copper (C172)

Plating

Underplating: 80 μ" (2.0 μm) Nickel - QQ-N-290, Class 2

Wiping Area: 30 μ" (0.76 μm) Gold - MIL-G-45204, Type II, Grade C

Body

Material: Zinc Alloy

Plating: Nickel

Shroud

Material: Steel

Plating: Nickel

Wire Accommodation: 28 AWG Stranded, 30 AWG Solid

Marking: 3M Logo & Part Number

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^8 \Omega$ at 500 VDC

Withstanding Voltage: 500 Vrms for 1 Minute

Environmental

Temperature Rating: -20°C to +85°C

UL File No.: E68080 *RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

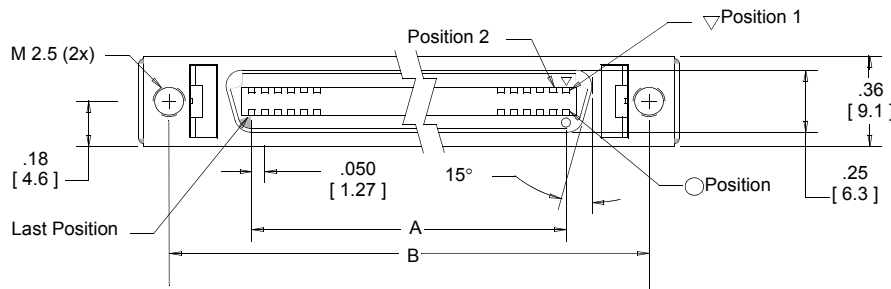
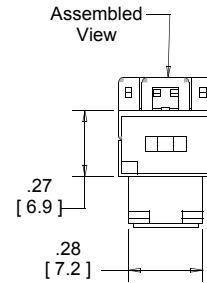
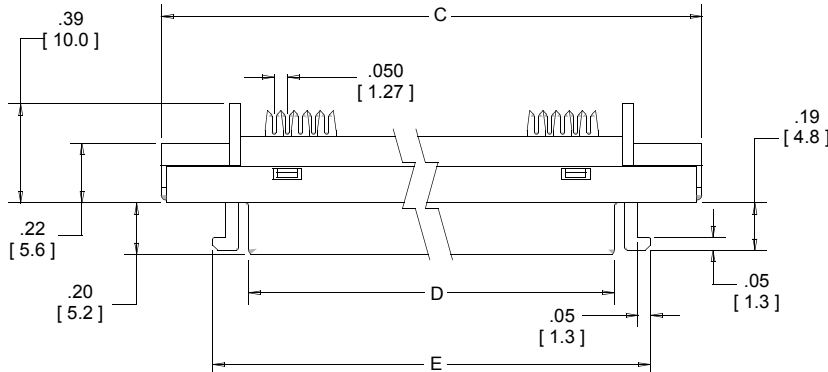
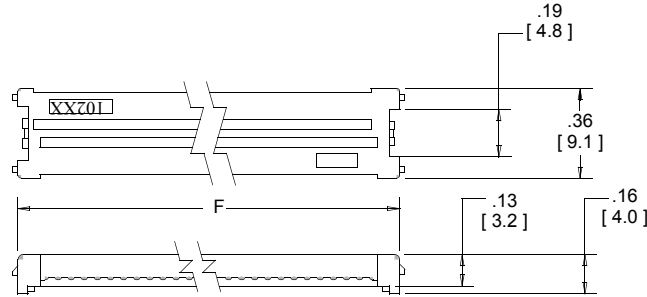
3M™ Mini D Ribbon (MDR) Connectors

.050" IDC Wiremount Panelmount Receptacle - Shielded

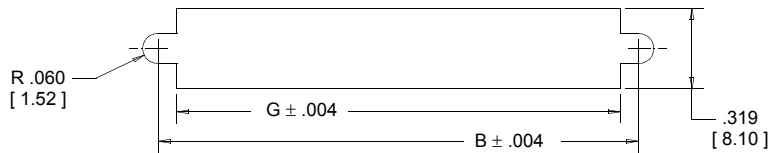
102 Series



Contact Quantity	Dimensions						
	A	B	C	D	E	F	G
20	.450 [11.43]	1.081 [27.45]	1.31 [33.4]	.65 [16.4]	.92 [23.4]	.71 [18.0]	.94 [23.8]
26	.600 [15.24]	1.231 [31.26]	1.46 [37.2]	.80 [20.2]	1.07 [27.2]	.86 [21.8]	1.09 [27.6]
36	.850 [21.59]	1.481 [37.61]	1.71 [43.5]	1.05 [26.6]	1.32 [33.5]	1.11 [28.1]	1.33 [33.9]
40	.950 [24.13]	1.581 [40.15]	1.81 [46.1]	1.15 [29.1]	1.42 [36.1]	1.21 [30.7]	1.44 [36.5]
50	1.200 [30.48]	1.831 [46.50]	2.06 [52.4]	1.40 [35.5]	1.67 [42.4]	1.46 [37.0]	1.69 [42.8]
68	1.650 [41.91]	2.281 [57.93]	2.51 [63.8]	1.85 [46.9]	2.12 [53.8]	1.91 [48.4]	2.13 [54.2]



Recommended Panel Cut-Out



Note: Panel Thickness .079 [2.00] max.

Inch [mm]			
Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Ordering Information

102XX-0210EC

Contact Quantity
(See Table)

Application tools: 10951 Assembly Press and 10952 Cable Cutter.

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