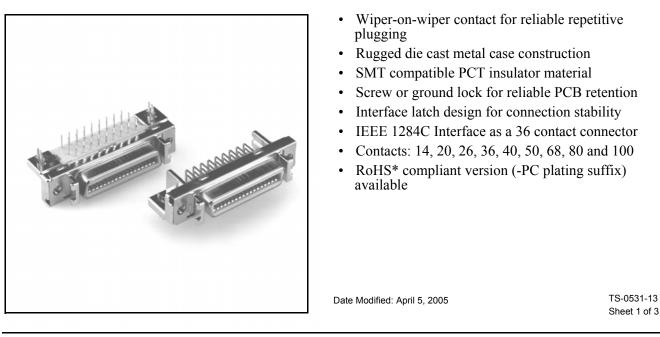
3M[™] Mini D Ribbon (MDR) Connectors

.050" Boardmount Thru-Hole Right Angle Receptacle-Shielded

102 Series



Physical

| Insulation |
|------------|
|------------|

| Insulation | |
|----------------------|---------------------------------------------------------------------------------|
| Material: | Glass Reinforced Polyester (PCT) |
| Flammability: | UL 94V-0 |
| Color: | Beige |
| Contact | |
| Material: | Copper Alloy (C521) |
| Plating | |
| Underplating: | 80 μ" (2.0 μm) Nickel - QQ-N-290, Class 2 |
| Wiping Area: | $30~\mu^{\prime\prime}$ (0.76 $\mu m)$ Min Gold - MIL-G-45204, Type II, Grade C |
| Solder Tail Plating: | See ordering information |
| Body | |
| Material: | Zinc Alloy |
| Plating: | Nickel |
| Shroud & Latch Hook | |
| Material: | Steel |
| Plating: | Nickel |
| Marking: | 3M Logo & Part Number |
| | |

Electrical

Current Rating:1 AInsulation Resistance: $> 5 \times 10^8 \Omega$ at 500 VDCWithstanding Voltage:500 Vrms for 1 Minute

Environmental

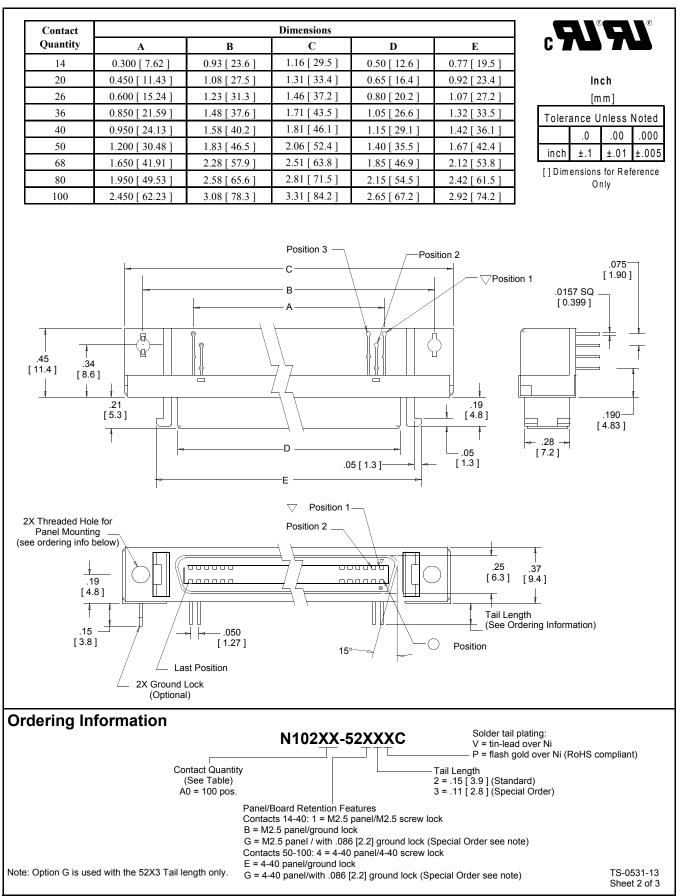
Temperature Rating:-55°C to +105°CProcess Rating:Reflow solder process compatible up to 240-250°C for 10 sec.

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

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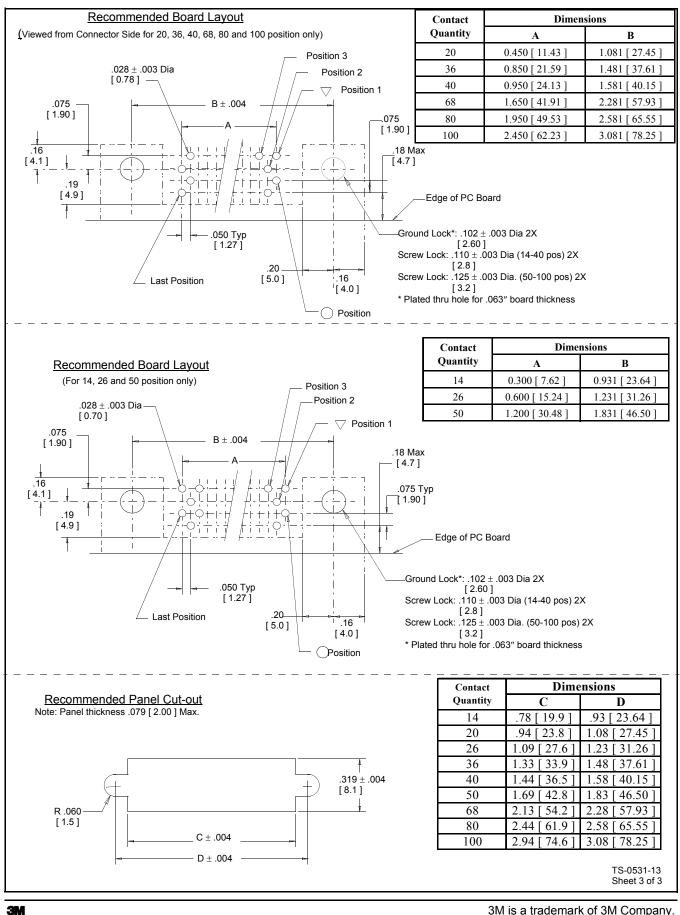
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Interconnect Solutions http://www.3M.com/interconnects/

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