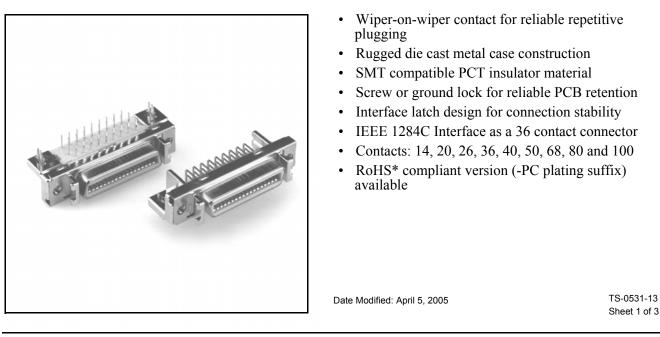
# 3M<sup>™</sup> Mini D Ribbon (MDR) Connectors

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

102 Series



## Physical

Insulation
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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

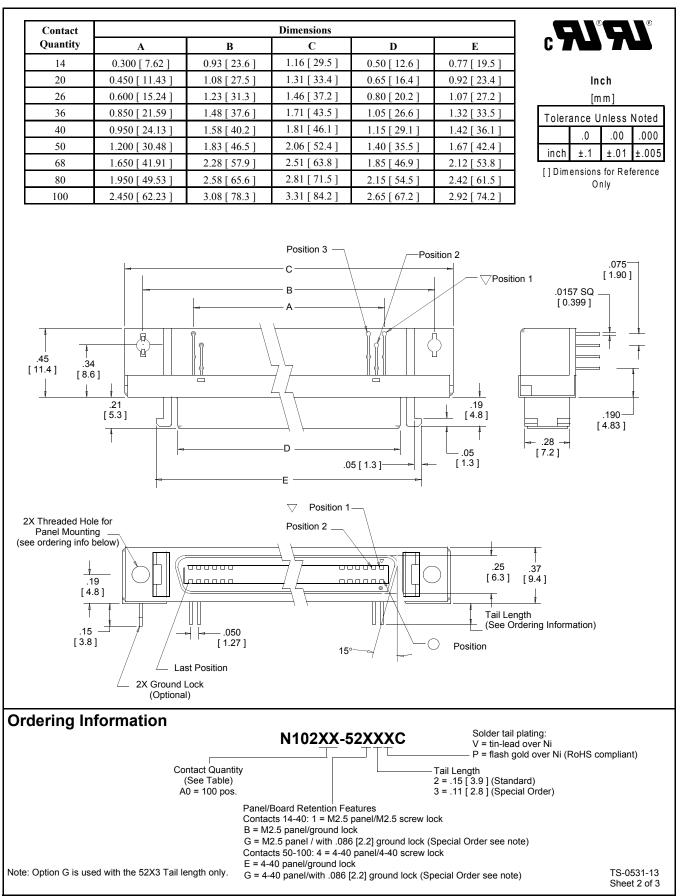
Temperature Rating:-55°C to +105°CProcess Rating:Reflow solder process compatible up to 240-250°C for 10 sec.

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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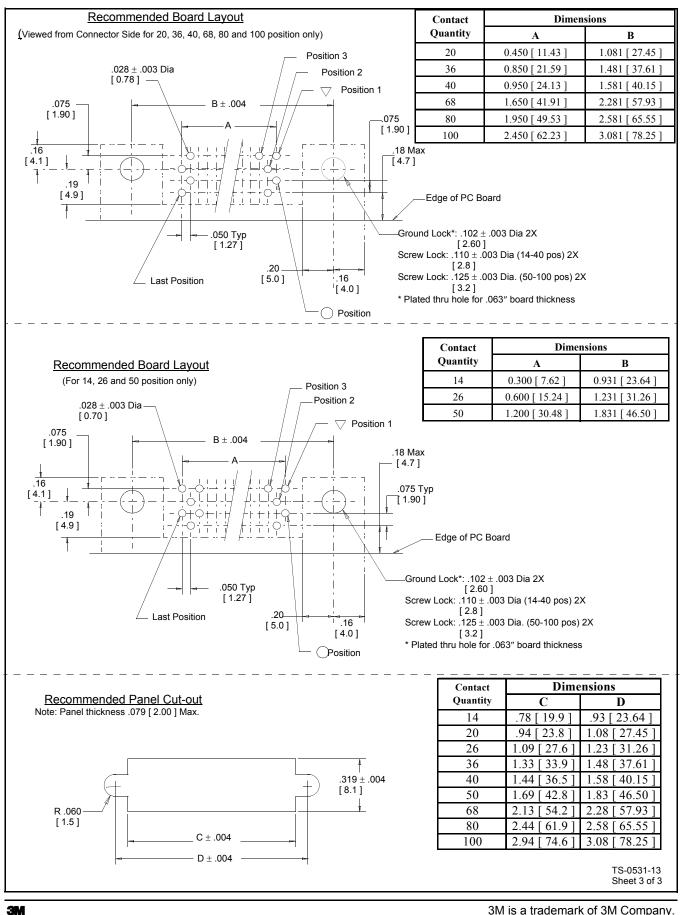
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