# 3M™ 新語 PRibbon (MDR Commettors Submet Commetter Submet States S

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

102 Series



- Wiper-on-wiper contact for reliable repetitive plugging
- SMT compatible PCT insulator material
- Ground lock PCB retention
- Interface latch design for connection stability
- MDR digital LCD interface as a 20 or 26 contact connector
- Contacts: 14, 20, 26, 36, 40, 50 and 68
- RoHS\* compliant version (-PL or -PC plating suffix) available

Date Modified: April 5, 2005

TS-0621-10 Sheet 1 of 3

## **Physical** Insulation Material: Glass Reinforced Polyester (PBT) Flammability: UL 94V-0 Color: See ordering information Contact Material: Copper Alloy (C521) Plating Underplating: See ordering information Wiping Area: See ordering information Solder Tails: See ordering information Shroud & Latch Hook Material: Steel Plating: Nickel **Ground Lock** Material: Copper Alloy Plating: Matte tin 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°C

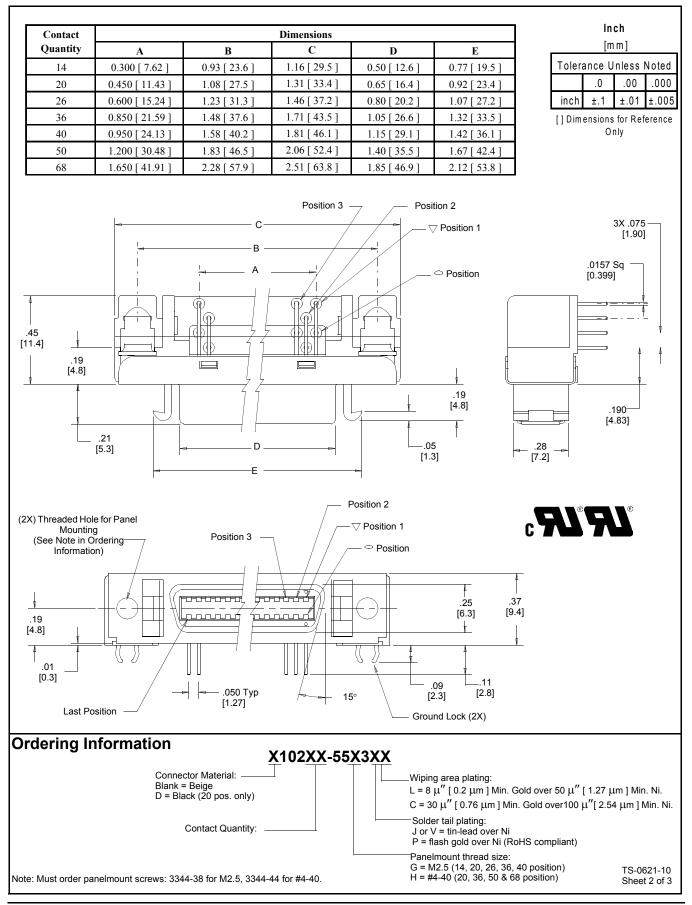
Process Rating: Surface mount compatible - max. temp. 240°-250°C for 10 seconds.

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

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

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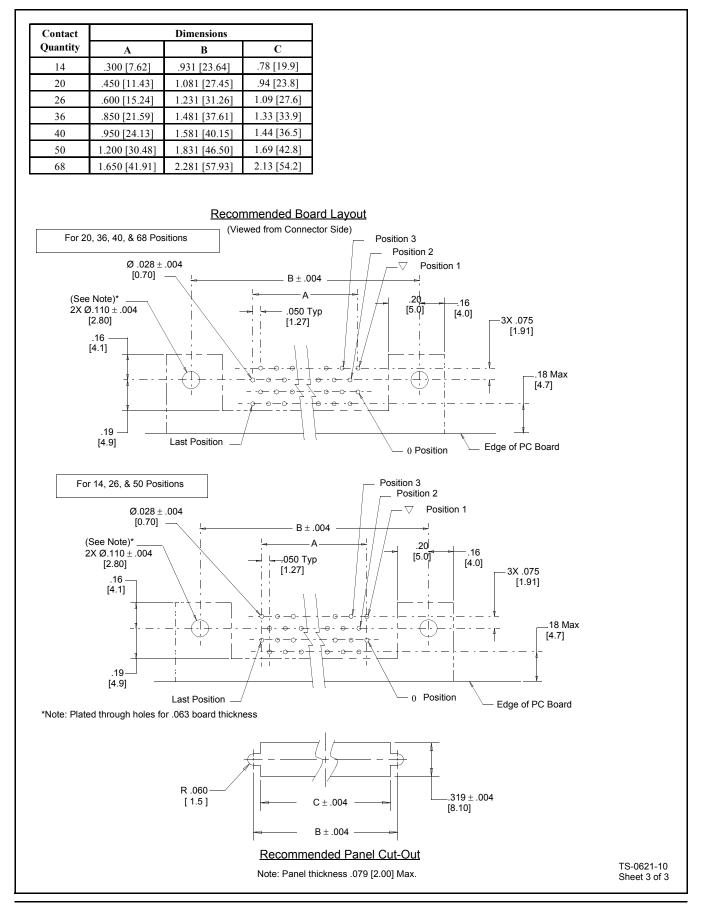


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