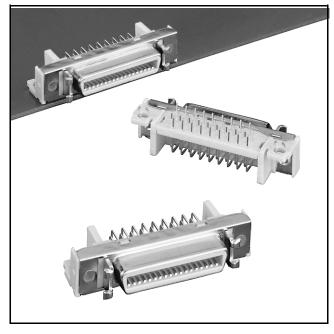
# 3M<sup>™</sup> Mini D Ribbon (MDR) Connectors

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

102 Series



## Physical

### • 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

Insulation	
Material:	Glass Reinforced Polyester (PBT)
Flammability:	UL 94V-0
Color:	See ordering information
<b>Contact Material:</b>	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

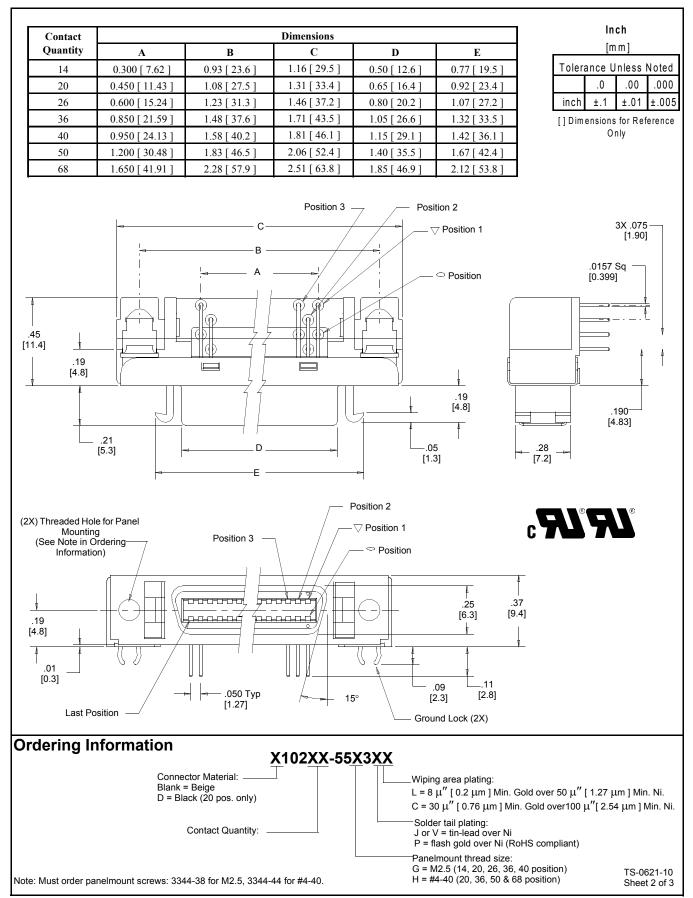
Temperature Rating: -55°C to +105°C Process Rating: Surface mount compatible - max. temp. 240°-250°C for 10 seconds.

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

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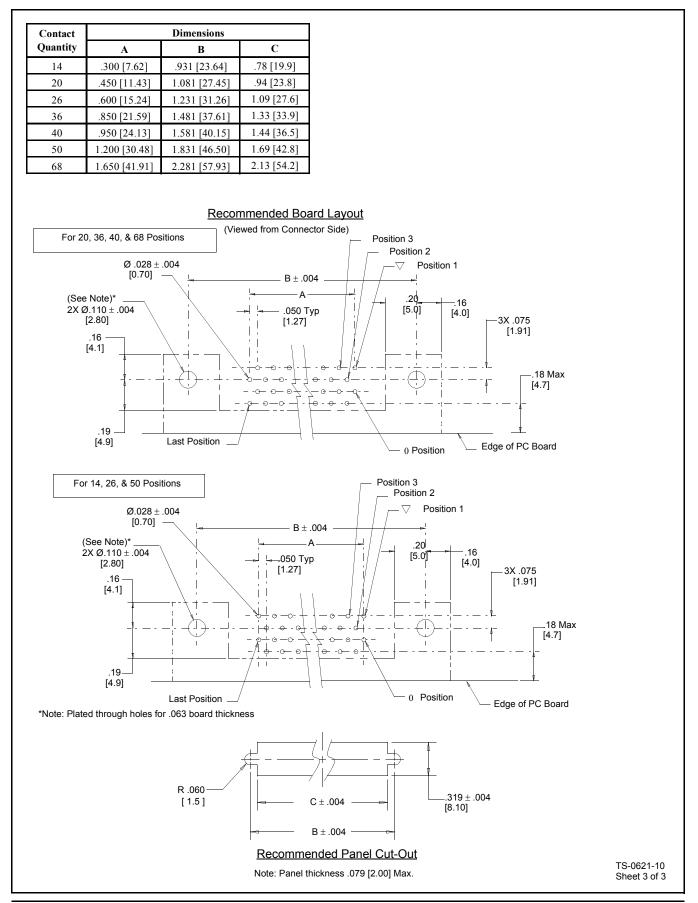
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