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

# .050" Surface Mount Right Angle Receptacle - Shielded

102 Series

TS-0755-10

Sheet 1 of 3

Wiper-on-wiper contact for reliable

Ultra-low signal skew for high data rate

MDR digital LCD interface as a 20 or 26

RoHS\* compliant version (-PE plating

Contacts: 14, 20, 26, 40 and 50

Interface latch design for connection stability

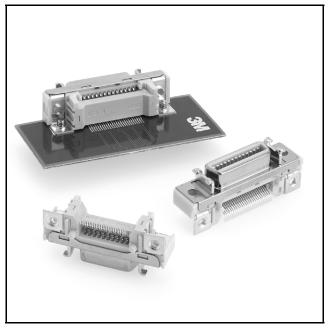
repetitive plugging

contact connector

suffix) available

Date Modified: April 5, 2005

transmission



## **Physical**

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 μ" (0.76 μm) Min Gold - MIL-G-45204, Type II, Grade C
Solder Tails:	See ordering information
Shroud & Latch Hook	
Material:	Steel
Plating:	Nickel
Screw Lock	
Material:	Copper Alloy (C521)
Plating:	Tin
Marking:	3M Logo & Part Number

### **Electrical**

Current Rating: 1 A **Insulation Resistance:**  $> 5 \times 10^8 \Omega$  at 500 VDC Withstanding Voltage: 500 Vrms for 1 Minute

### **Environmental**

**Temperature Rating:** -55°C to +105°C

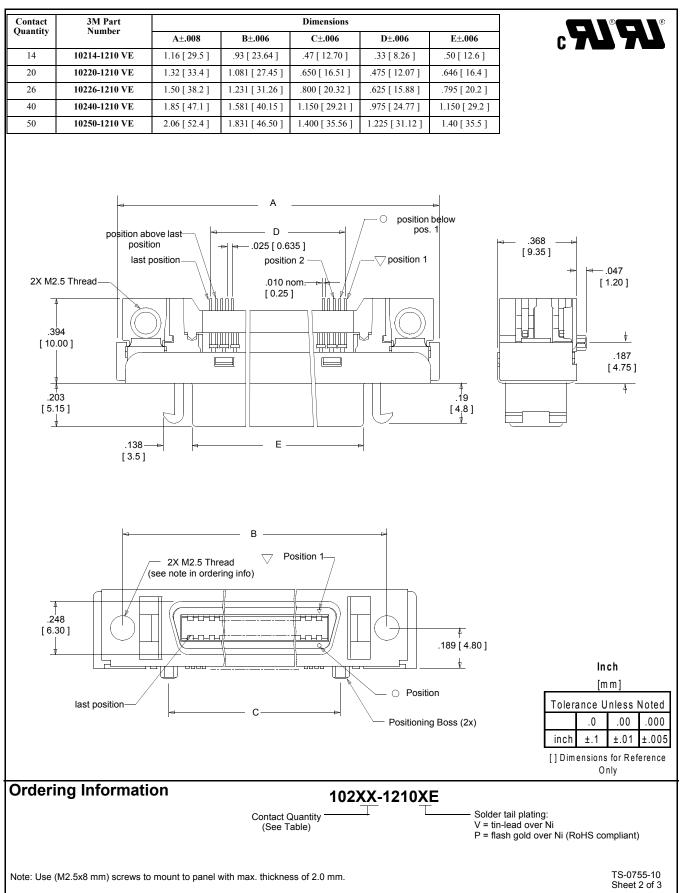
Process: Surface mount compatible - max. temp. 240°-250°C for 10 seconds.

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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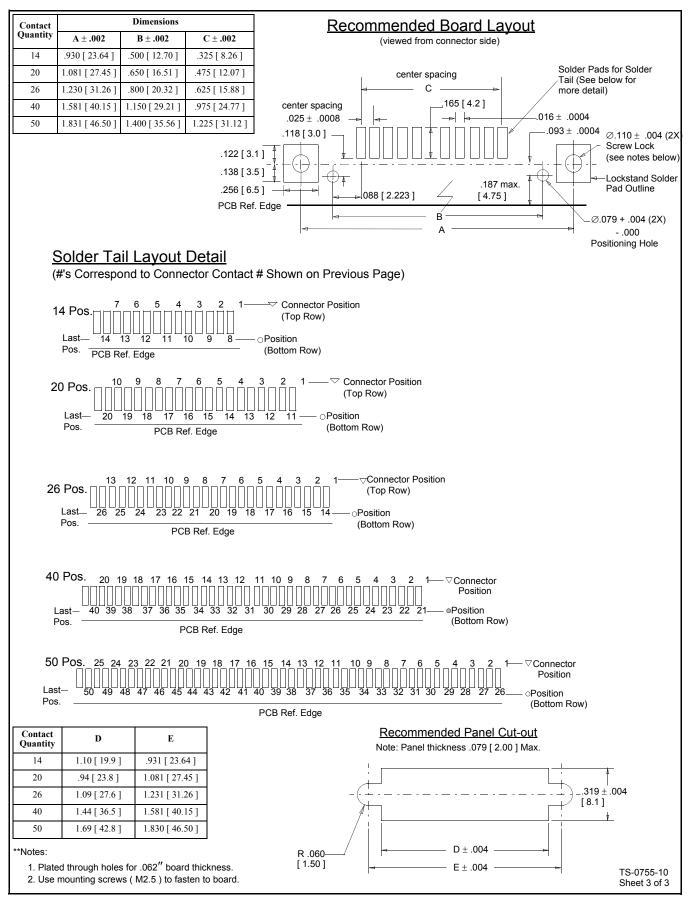


SM Interconnect Solutions http://www.3M.com/interconnects/

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