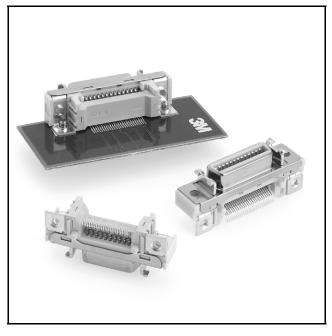
## 3M<sup>™</sup> Mini D Ribbon (MDR) Connectors

## .050" Surface Mount Right Angle Receptacle - Shielded

102 Series



### Wiper-on-wiper contact for reliable repetitive plugging

- Ultra-low signal skew for high data rate transmission
- Interface latch design for connection stability
- MDR digital LCD interface as a 20 or 26 contact connector
- Contacts: 14, 20, 26, 40 and 50
- RoHS\* compliant version (-PE plating suffix) available

Date Modified: October 21, 2005

TS-0755-11 Sheet 1 of 3

## Physical

Insulation Material:	Glass Reinforced Polyester (PCT)
Flammability:	UL 94V-0
Color:	Beige
<b>Contact Material:</b>	Copper Alloy (C521)
Plating	
Underplating:	80 μ" (2.0 μm) Nickel
Wiping Area:	20 μ" (0.50 μm) Min Gold
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

<b>Current Rating:</b>	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.

\*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated in writing by 3M, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

UL File No.: E68080

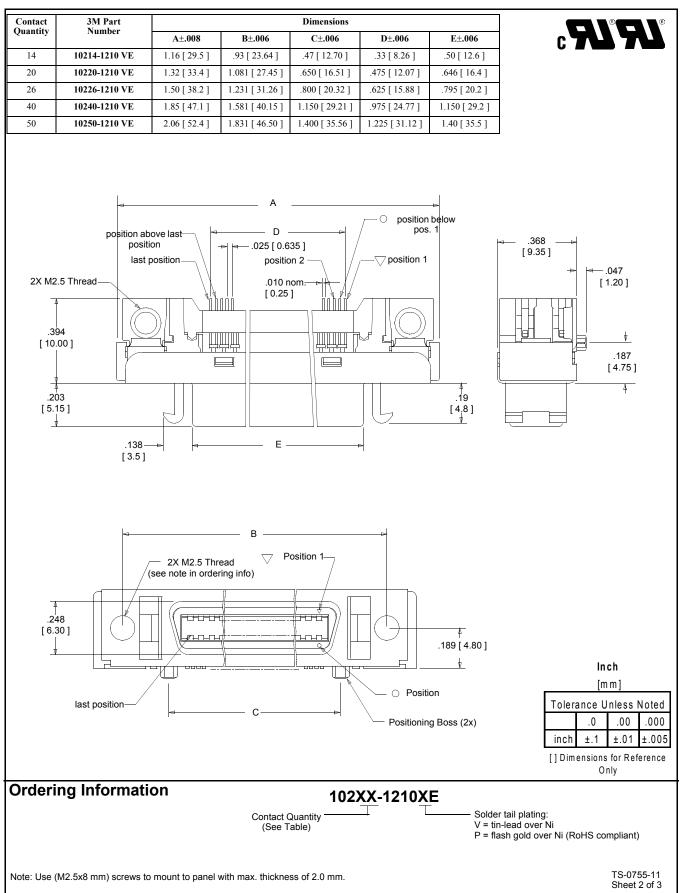
3M Interconnect Solutions http://www.3M.com/interconnects/

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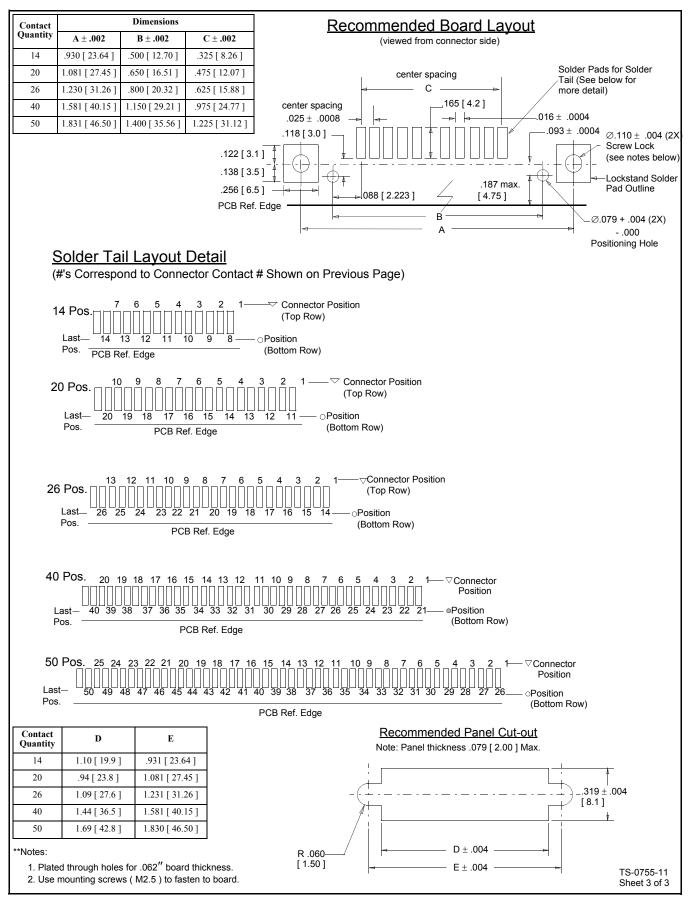


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Minimum 10% Post-Consumer Fiber

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