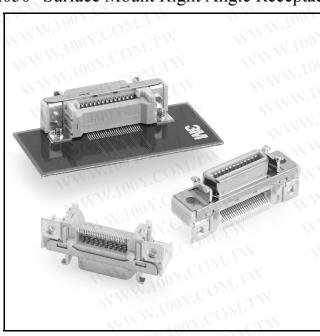
3M™ Mini D Ribbon (MDR) Connectors

.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

Sheet 1 of 3

Physical

Insulation Material: Glass Reinforced Polyester (PCT)

Flammability: UL 94V-0

Color: Beige

Contact Material: Copper Alloy (C521)

Plating

Underplating: $80 \mu'' (2.0 \mu m)$ Nickel Wiping Area: $20 \mu'' (0.50 \mu m)$ 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

胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

特力材料886-3-5753170

胜特力电子(上海) 86-21-54151736

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.

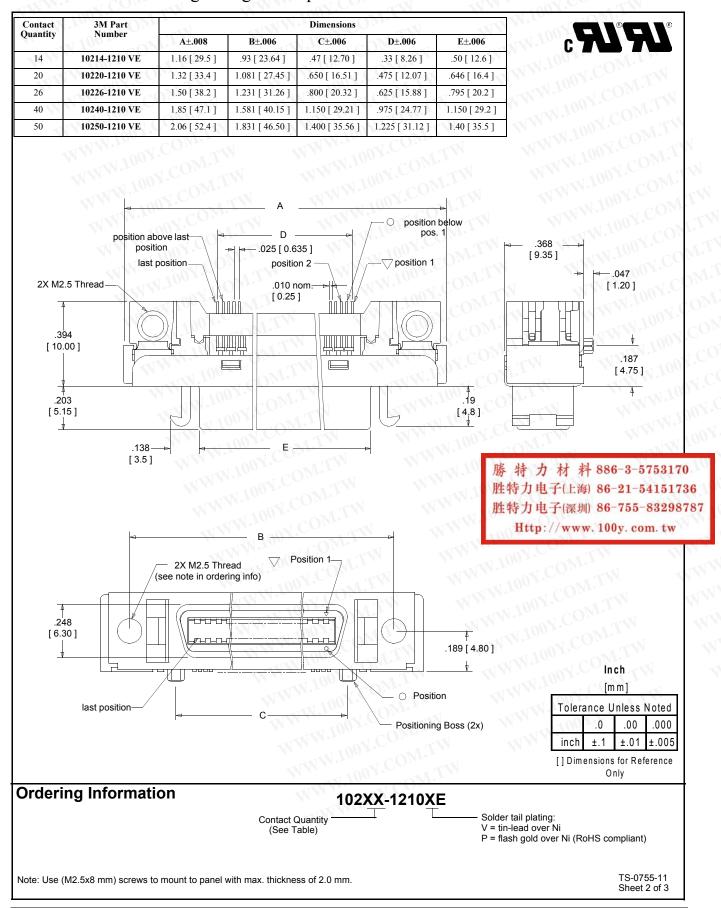
*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent 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

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