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

## .050" IDC Wiremount Panelmount Receptacle - Shielded

#### 102 Series

- Wiper-on-wiper contact for reliable repetitive plugging
- IEEE 1284C Interface as a 36 contact connector
- Interface latch design for connection stability
- Accepts a wide variety of cable constructions including flat, shielded flat and twisted pair cables
- Contacts: 20, 26, 36, 40, 50 and 68
- RoHS\* compliant

Date Modified: February 8, 2005

TS-0425-12 Sheet 1 of 2

## Physical

Insulation	
Material:	Glass Reinforced Polyester (PBT)
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Beryllium Copper (C172)
Plating	
Underplating:	80 μ" (2.0 μm) Nickel - QQ-N-290, Class 2
Wiping Area:	30 μ" (0.76 μm) Gold - MIL-G-45204, Type II, Grade C
Body	
Material:	Zinc Alloy
Plating:	Nickel
Shroud	
Material:	Steel
Plating:	Nickel
Wire Accommodation:	28 AWG Stranded, 30 AWG Solid
Marking:	3M Logo & Part Number

## Electrical

Current Rating:1 AInsulation Resistance: $> 1 \times 10^8 \Omega$  at 500 VDCWithstanding Voltage:500 Vrms for 1 Minute

## Environmental

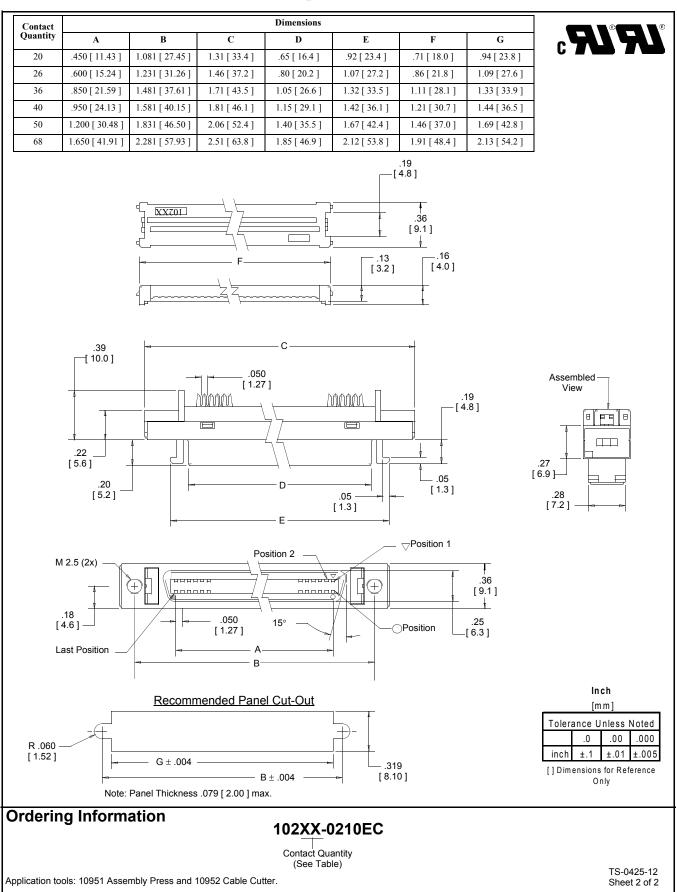
**Temperature Rating:** -20°C to +85°C

UL 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

.050" IDC Wiremount Panelmount Receptacle - Shielded

102 Series



#### **Important Notice**

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

#### Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of 1 year from the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.



#### **Electronic Solutions Division**

6801 River Place Blvd. Austin, TX 78726-9000 www.3M.com/esd

Printed in USA. © 3M 2005