

# .050" Mini D Ribbon (MDR) Connectors

IDC Wiremount Plug — Non Shielded

101XX-8X00EE Series



- IDC Wiremount — nonshielded plug
- Mass terminated to .025" pitch ribbon cable
- Easy to daisy-chain
- Ribbon type contact — industry preferred
- Reliable repetitive plugging/unplugging
- Latch design for easy use
- Positions 50 and 68

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Date Modified: February 19, 1999

TS-0514-05  
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## Physical

### Insulation

Material: Glass Reinforced Polyester (PBT)  
Flammability: UL 94V-0  
Color: Black

### Contact

Material: Beryllium Copper (C172)  
Plating  
Underplate & U-Slot: 80  $\mu$ " (2.0  $\mu$ m) Nickel — QQ-N-290, Class 2  
Wiping Area: 20  $\mu$ " (0.50  $\mu$ m) Min Gold — MIL-G-45204, Type II, Grade C

**Wire Accommodation:** 30 AWG Solid (.025" Pitch Flat Cable)

**Marking:** 3M Logo & Part Number

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## Electrical

**Current Rating:** 1.0 A

**Insulation Resistance:**  $> 5 \times 10^8 \Omega$  at 500 VDC

**Withstanding Voltage:** 500 Vrms for 1 Minute

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## Environmental

**Temperature Rating:**  $-20^\circ\text{C}$  to  $+85^\circ\text{C}$

UL File No.: E68080

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### 3M Interconnect Solutions Division

6801 River Place Blvd.  
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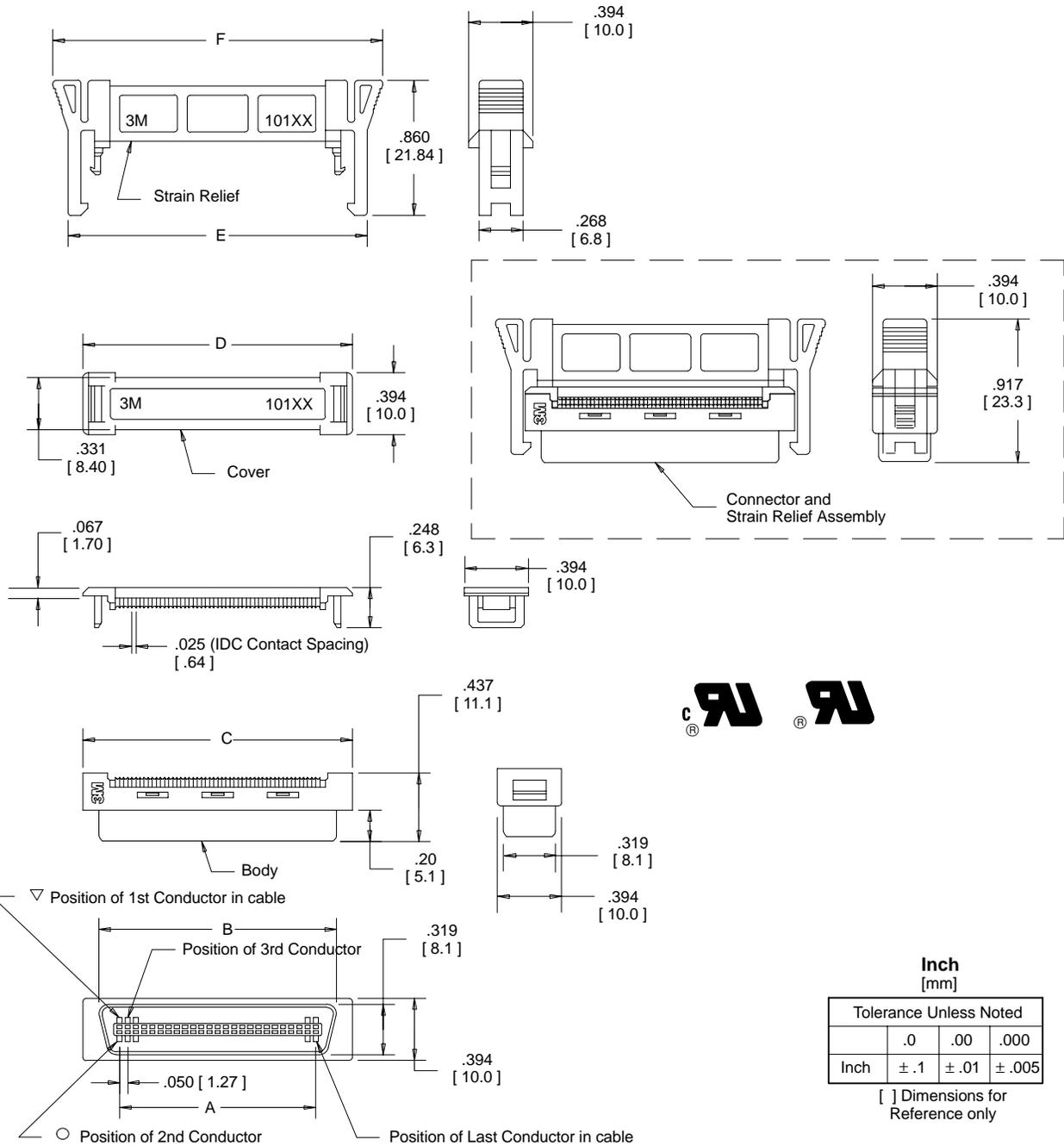
For technical, sales or ordering information call  
**800-225-5373**

# Mini D Ribbon (MDR) Connectors, .050"

## IDC Wiremount Plug — Non Shielded

101XX-8X00EE Series

Contact Quantity	Dimensions					
	A	B	C	D	E	F
50	1.20 [ 30.48 ]	1.45 [ 36.9 ]	1.65 [ 41.9 ]	1.65 [ 41.9 ]	1.83 [ 46.6 ]	2.02 [ 51.2 ]
68	1.65 [ 41.9 ]	1.91 [ 48.4 ]	2.10 [ 53.3 ]	2.10 [ 53.3 ]	2.28 [ 58.0 ]	2.46 [ 62.6 ]



### Ordering Information

**101XX-8X00EE**

0 = with Strain Relief (Standard)  
 1 = without Strain Relief (Special Order)  
 Contact Quantity (See Table)

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 Sheet 2 of 2

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