

## FEATURES AND SPECIFICATIONS



## 0.50, 1.00 and 1.25 mm Pitch Premo-Flex™

### 98266, 98267, 98268 Flat Flex Cable Jumpers for ZIF and non-ZIF FFC connectors

**FFC Jumpers Provide High Density Interconnects in a Wide Variety of Standard and Custom Lengths and Circuit Sizes (Even and Odd Circuit Sizes).**

The complete line of 0.50 mm (98266), 1.00 mm (98267) and 1.25 mm (98268) pitch Flat Flex Cable jumpers offers custom length and circuit size.

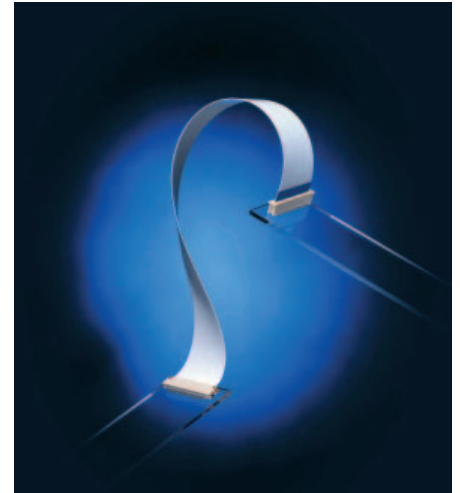
The FFC Jumpers are terminated to either Zero Insertion Force (ZIF) or non-ZIF FFC Pick-and-Place Surface Mount Connectors.

Molex offers also an extensive range of FFC connectors and is able to design customized FFC connectors due to customer requirements.

FFC designs are also available for Automotive Bus System wiring, enabling proper Impedance Continuity between 83-150 Ohm and optionally screening against EMI/RFI influences.

### Features and Benefits

- FFC Jumpers allow a light and small planar structure to accommodate a high density wiring solution.
- All products are available in different circuit sizes (up to 50) at dedicated custom lengths to meet customers' most stringent demand.
- Available with contacting area on same or opposite sides to mirror signal layout between Printed Circuit Boards.
- FFC products allow a high temperature environment up to 105 °C to meet Industry Standard requirements. Higher Specification available upon request.
- FFC Jumpers are very suitable for Movable extension of Printed Circuit Boards and/or Displays units etc. to enable easy assembly processes.
- FFC Jumpers are used in many industries and applications where the total installed cost is considered important.
- Molex Jumpers are complementary to the extensive Molex range of FFC connectors securing perfect conductor alignment.
- Molex Package offerings of FFC Jumpers and Connectors enable attractive pricing and support supplier reduction programs.



## SPECIFICATIONS

### Reference Information

Packaging: Box (1000 pcs)

FFC Tape: UL94 VTM-0

Mates With: Standard FFC Connectors or custom developed connectors

Designed In: mm

### Electrical

Voltage: 60 V

Current: 0.50 mm (98266): 0.5 A

1.00 mm (98267): 1.2 A

1.25 mm (98268): 1.4 A

Conductor Resistance:

0.50 mm (98266): max. 730 Ohms/km

1.00 mm (98267): max. 310 Ohms/km

1.25 mm (98268): max. 270 Ohms/km

Insulation Resistance: 10 MOhms

### Mechanical

Abrasion: min. 10,000 cycles

Bending Radius: min. 5 mm

### Physical

FFC Tape:

Material: Polyester + Flame retardant adhesive

Thickness: 0.067 mm nominal

Color: white

Reinforcement Tape:

Material: Polyester + adhesive

Thickness: 0.175 mm nominal

Color: transparent/yellow

FFC Conductor:

Material: Tin plated copper

Width: 0.30 mm (98266)

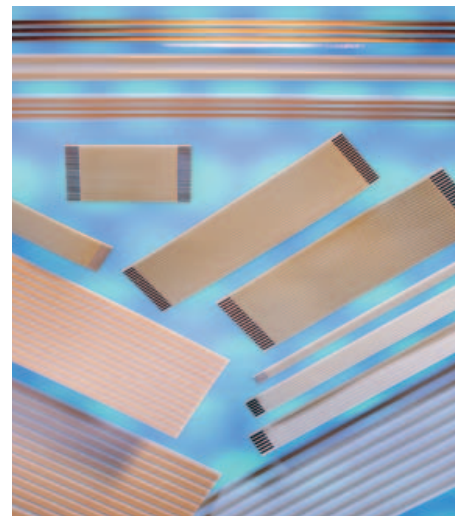
0.70 mm (98267)

0.80 mm (98268)

Thickness: 0.10 mm

Plating: tin min 1 µm

Operating Temperature: -40 to 105 °C



## MARKETS AND APPLICATIONS



## 0.50, 1.00 and 1.25 mm Pitch Premo-Flex™

- Automotive
  - Radio/CD/DVD/GPS Player
  - LCD Display
  - Keyboard
  - Moveable Units
- Consumer
  - Set Top Boxes/Camcorder/Plasma Displays
- Computer
  - Notebook/Printer/Scanner/Keyboards/LCD Flat Panel
- Industrial
- Military

## 98266, 98267, 98268 Flat Flex Cable Jumpers for ZIF and non-ZIF FFC connectors

## POTENTIAL AUTOMOTIVE ACCOUNTS

- Car Manufacturers
- Application Unit Manufacturers
- Display Manufacturers
- Keyboard Manufacturers

## ORDERING INFORMATION

Series Number	Description	Link to Xref Overview Template	Link to Sales Drawing
98266	0.50 mm (.020") Pitch Premo-Flex™	<a href="ftp://misnet.eur.molex.com/ettlingen/Product_Releases_ETT_finished/OverviewTemplate_98266.pdf">ftp://misnet.eur.molex.com/ettlingen/Product Releases_ETT finished/OverviewTemplate_98266.pdf</a>	<a href="http://midasweb.global.molex.com:7041/midas/">http://midasweb.global.molex.com:7041/midas/</a>
98267	1.00 mm (.039") Pitch Premo-Flex™	<a href="ftp://misnet.eur.molex.com/ettlingen/Product_Releases_ETT_finished/OverviewTemplate_98267.pdf">ftp://misnet.eur.molex.com/ettlingen/Product Releases_ETT finished/OverviewTemplate_98267.pdf</a>	<a href="http://midasweb.global.molex.com:7041/midas/">http://midasweb.global.molex.com:7041/midas/</a>
98268	1.25 mm (.049") Pitch Premo-Flex™	<a href="ftp://misnet.eur.molex.com/ettlingen/Product_Releases_ETT_finished/OverviewTemplate_98268.pdf">ftp://misnet.eur.molex.com/ettlingen/Product Releases_ETT finished/OverviewTemplate_98268.pdf</a>	<a href="http://midasweb.global.molex.com:7041/midas/">http://midasweb.global.molex.com:7041/midas/</a>

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