

## Datasheet for 76650-0005

### General Information

<b>Part Number:</b>	76650-0005
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	FFC/FPC Connector Kit
<b>Description:</b>	Ultra Low Profile SMT ZIF Right Angle Receptacle and Premo-Flex Cable
<b>Product Family:</b>	FFC/FPC Connectors
<b>Certificates:</b>	(Molex Parts within this kit) - EU and China RoHS Compliant
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	0.5mm (0.020")
<b>Connector Type:</b>	Receptacles
<b>Mounting</b>	
<b>Orientation:</b>	Right Angle
<b>Circuit Sizes:</b>	6, 8, 10, 12, 14 and 16
<b>Current Rating:</b>	0.5 Amps
<b>Voltage:</b>	30 Volts (Premo-Flex™ FFC Jumper) and 50 Volts (FPC Connector)
<b>Wire:</b>	Flat Flex Cable

### Product Highlights

Molex offers one of the industry's broadest selections of high-density FFC/FPC connectors for Flat Panel Display (FPD) and other high pincount applications. Molex applied its existing Easy-On™ actuator technologies to create a robust connector that has a strong latch and is easy to use. Molex offers a complete product line of FFC jumpers to terminate to ZIF (zero insertion force) connectors for a flexible interconnection.

### Features and Benefits

### Applications

**For additional Molex / Waldom Design and Solution Kits please go to [www.molexkits.com](http://www.molexkits.com)**

### Datasheet for 76650-0005

- Robust design, more durable than competition
  - Low profiles, space savings
  - Contact area on same or opposite side of jumper
  - FFC Jumpers are used in many industries and applications where the total installed cost is considered important
  - Design flexibility
  - Suitable for movable extension of printed circuit boards and/or displays units
- Plasma Display Panels (PDP)
  - Liquid Crystal Display (LCD) Panels
  - HDTV, TV Tuners and Set Top Box
  - Power Units
  - Notebook PCs and Keyboards
  - Printers and Scanners
  - Camcorders and CD Players
  - Video Games
  - Automotive
  - Military
  - Medical
  - Industrial

**Datasheet for 76650-0005**

**Bill of Materials for Part No. 76650-0005**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
21020-0055	USA	0.5mm FFC Jumper, 6 Circuit, 3" long	2
21020-0077	USA	0.5mm FFC Jumper, 8 Circuit, 3" long	2
21020-0099	USA	0.5mm FFC Jumper, 10 Circuit, 3" long	2
21020-0121	USA	0.5mm FFC Jumper, 12 Circuit, 3" long	2
21020-0143	USA	0.5mm FFC Jumper, 14 Circuit, 3" long	2
21020-0165	USA	0.5mm FFC Jumper, 16 Circuit, 3" long	2
54548-0670	Japan	0.5mm FPC Connector R/A, Bottom Style, 6 CKT, ZIF, Low Profile	5
54548-1270	Japan	0.5mm FPC Connector R/A, Bottom Style, 12 CKT, ZIF, Low Profile	5
54548-1670	Japan	0.5mm FPC Connector R/A, Bottom Style, 16 CKT, ZIF, Low Profile	5
54550-0694	Japan	0.5mm FPC Connector R/A, Top Style, 6 CKT, ZIF, Low Profile	5
54550-0894	Japan	0.5mm FPC Connector R/A, Top Style, 8 CKT, ZIF, Low Profile	5
54550-1094	Japan	0.5mm FPC Connector R/A, Top Style, 10 CKT, ZIF, Low Profile	5
54550-1494	Japan	0.5mm FPC Connector R/A, Top Style, 14 CKT, ZIF, Low Profile	5

**No Recommended Molex Tool for Part No. 76650-0005**