



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## 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

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- 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**