

## Datasheet for 76650-0004

### General Information

<b>Part Number:</b>	76650-0004
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	FPC Connector Kit
<b>Description:</b>	Ultra Low Profile SMT ZIF Right Angle Receptacle
<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>	0.3mm (0.012")
<b>Connector Type:</b>	Receptacles

#### Mounting

<b>Orientation:</b>	Right Angle
<b>Circuit Sizes:</b>	11, 15, 19, 21 and 25
<b>Current Rating:</b>	0.3 Amps
<b>Voltage:</b>	50 Volts AC(RMS)/DC
<b>Wire:</b>	FPC Wire/Cable Type only

### 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.

#### Features and Benefits

- Robust design, more durable than competition
- BackFlip type actuator, strong actuator; easy cable insertion
- Dust cover Protection from debris and short-circuiting
- Dual-sided staggered PCB layout Enables high-density mounting
- Design flexibility
- Low profiles, space savings

#### Applications

- Plasma Display Panels (PDP)
- Liquid Crystal Display (LCD) Panels
- HDTV
- TV Tuners
- Power Units

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

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#### Bill of Materials for Part No. 76650-0004

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
54809-1198	Japan	0.3 FPC 11 CKT ZIF SMT Right Angle Bottom Connector	5
54809-1598	Japan	0.3 FPC 15 CKT ZIF SMT Right Angle Bottom Connector	5
54809-1998	Japan	0.3 FPC 19 CKT ZIF SMT Right Angle Bottom Connector	5
54809-2198	Japan	0.3 FPC 21 CKT ZIF SMT Right Angle Bottom Connector	5
54809-2598	Japan	0.3 FPC 25 CKT ZIF SMT Right Angle Bottom Connector	5

#### No Recommended Molex Tool for Part No. 76650-0004