

Datasheet for 76650-0005

General Information

Kit Part Number:	76650-0005
Connector Type:	Flex-to-Board
Solution:	Flex Off the Board Connectors
Molex Family:	FFC/FPC
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	10, 12, 14, 16, 6, 8
Current Rating:	0.5A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	Cables, Right Angle Bottom Receptacles
Pitch:	0.50mm (.020")
Tool Included:	No
Voltage Rating:	30V, 50V
Wire:	Flexible Printed Circuit Cable

Product Highlights

Molex® offers one of the industries 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

- 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

Applications

- 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

Bill of Materials

Molex Part No.	Description	Quantity
21020-0055	0.50mm (.020") FFC Jumper, 6 Circuit, 0.076m (3.00")	2
21020-0077	0.50mm (.020") FFC Jumper, 8 Circuit, 0.076m (3.00")	2
21020-0099	0.50mm (.020") FFC Jumper, 10 Circuit, 0.076m (3.00")	2
21020-0121	0.50mm (.020") FFC Jumper, 12 Circuit, 0.076m (3.00")	2
21020-0143	0.50mm (.020") FFC Jumper, 14 Circuit, 0.076m (3.00")	2
21020-0165	0.50mm (.020") FFC Jumper, 16 Circuit, 0.076m (3.00")	2
54548-0670	0.50mm (.020") FPC Connector R/A, Bottom Style, 6 Circuit, ZIF, Low Profile	5
54548-1270	0.50mm (.020") FPC Connector R/A, Bottom Style, 12 Circuit, ZIF, Low Profile	5
54548-1670	0.50mm (.020") FPC Connector R/A, Bottom Style, 16 Circuit, ZIF, Low Profile	5
54550-0694	0.50mm (.020") FPC Connector R/A, Top Style, 6 Circuit, ZIF, Low Profile	5
54550-0894	0.50mm (.020") FPC Connector R/A, Top Style, 8 Circuit, ZIF, Low Profile	5
54550-1094	0.50mm (.020") FPC Connector R/A, Top Style, 10 Circuit, ZIF, Low Profile	5
54550-1494	0.50mm (.020") FPC Connector R/A, Top Style, 14 Circuit, ZIF, Low Profile	5

Recommended Molex Tool

Molex Part No.	Description
None	No Additional Information