

Datasheet for 76650-0005

General Information

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

Specifications

Design	
Configuration:	Wire-to-Board
Pitch:	0.5mm (0.020")
Connector Type:	Receptacles
Mounting	
Orientation:	Right Angle
Circuit Sizes:	6, 8, 10, 12, 14 and 16
Current Rating:	0.5 Amps
Voltage:	30 Volts (Premo-Flex™ FFC Jumper) and 50 Volts (FPC Connector)
Wire:	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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| <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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 |
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Bill of Materials for Part No. 76650-0005

Molex Part No.	Country of Origin	Description	Quantity in Kit
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