

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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- 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

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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