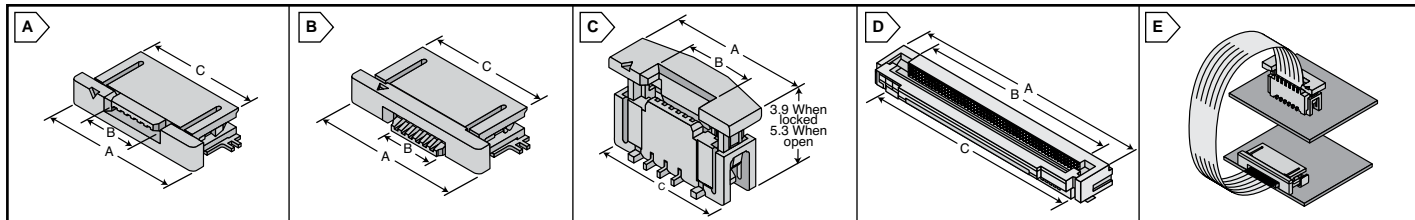


MOLEX FFC / FPC 0.50mm/.020" Connectors



0.50MM (.020") PITCH FFC / FPC CONNECTORS

For 0.30mm (.012") thick FFC/FPC. Metal solder tabs provide PCB hold-down and strain relief for SMT tails. ZIF: Zero Insertion Force

Specifications:

- Voltage: 50V
- Current: 0.5A
- Housing: 4/6 Nylon, UL 94V-0
- Actuator: PPS, UL 94V-0
- Contact: Phosphor Bronze
- Contact Plating: Gold
- Operating Temperature: -20 to +85°C



RoHS Compliant

Right Angle, SMT, ZIF - Top Contact Style

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-52745-0697	52745-0697	A	6	.358	.144	.287				
538-52745-0897	52745-0897	A	8	.398	.183	.327				
538-52745-1097	52745-1097	A	10	.437	.222	.366				
538-52745-1297	52745-1297	A	12	.476	.262	.406				
538-52745-1497	52745-1497	A	14	.516	.301	.445				
538-52745-1697	52745-1697	A	16	.555	.341	.484				
538-52745-1897	52745-1897	A	18	.594	.380	.524				
538-52745-2097	52745-2097	A	20	.634	.419	.563				
538-52435-2271	52435-2271	A	22	.693	.459	.614				
538-52435-2471	52435-2471	A	24	.732	.498	.654				
538-52435-2871	52435-2871	A	28	.811	.577	.732				
538-52435-3071	52435-3071	A	30	.850	.616	.772				

Right Angle, SMT, ZIF - Bottom Contact Style

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-52746-0871	52746-0871	B	8	.398	.138	.327				
538-52746-1071	52746-1071	B	10	.437	.177	.366				
538-52746-1471	52746-1471	B	14	.516	.256	.445				
538-52746-1671	52746-1671	B	16	.555	.295	.484				
538-52746-2071	52746-2071	B	20	.634	.374	.563				
538-52437-2271	52437-2271	B	22	.693	.413	.614				
538-52437-2471	52437-2471	B	24	.732	.453	.653				
538-52437-2871	52437-2871	B	28	.811	.531	.732				
538-52437-3071	52437-3071	B	30	.850	.571	.772				

Vertical, SMT, ZIF

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-52559-0853	52559-0853	C	8	.382	.138	.350				
538-52559-1052	52559-1052	C	10	.421	.177	.390				
538-52559-1853	52559-1853	C	18	.579	.335	.547				
538-52559-2052	52559-2052	C	20	.618	.374	.587				
538-52559-2452	52559-2452	C	24	.697	.453	.665				
538-52559-2852	52559-2852	C	28	.776	.531	.744				
538-52559-4052	52559-4052	C	40	1.012	.768	.980				

LOW PROFILE FFC CONNECTORS

DIMENSIONS: in.

Specifications:

- Housing: LCP Liquid Crystal Polymer
- Mated Height: 1.20mm (.047")
- Mated Width: 3.40mm (.134")

Features:

- Pre-hold cable feature keeps FPC in place while actuator is being closed
- Sturdy actuator allows for easy cable insertion
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails



RoHS Compliant

Right Angle, SMT, ZIF - Top Contact Style

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-54550-0694	54550-0694	A	6	.323	.098	.276				
538-54550-0794	54550-0794	A	7	.343	.118	.295				
538-54550-0894	54550-0894	A	8	.362	.138	.315				
538-54550-1094	54550-1094	A	10	.402	.177	.354				
538-54550-1294	54550-1294	A	12	.441	.217	.394				
538-54550-1694	54550-1694	A	16	.520	.295	.472				
538-54550-1894	54550-1894	A	18	.559	.335	.412				
538-54550-2094	54550-2094	A	20	.598	.374	.551				
538-54550-2494	54550-2494	A	24	.677	.453	.630				

Right Angle, SMT, ZIF - Bottom Contact Style

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-54548-0570	54548-0570	B	5	.303	.079	.256				
538-54548-0670	54548-0670	B	6	.323	.098	.276				
538-54548-0970	54548-0970	B	9	.382	.157	.335				
538-54548-1270	54548-1270	B	12	.441	.217	.394				
538-54548-1470	54548-1470	B	14	.480	.256	.433				
538-54548-1670	54548-1670	B	16	.520	.295	.472				
538-54548-2070	54548-2070	B	20	.598	.374	.551				
538-54548-2470	54548-2470	B	24	.677	.453	.630				

0.50MM Double Bottom Contact FPC Connectors

The double contact design provides wiping action from the first contact to remove any foreign substances that might cause signal intermittence. The result is improved signal integrity and superior contact reliability.

Specifications:

- ZIF Double Bottom Contact
- 2.50mm Height
- Easy-On actuator
- Contact Plating: Gold



For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions: in.			Price Each			
				A	B	C	1	10	100	250
538-502790-3091	502790-3091	D	30	19.7	14.5	18.1				
538-502790-4091	502790-4091	D	40	24.7	19.5	23.1				
538-502790-6491	502790-6491	D	64	36.7	31.5	35.1				
538-502790-8091	502790-8091	D	80	44.7	39.5	43.1				

PREMO-FLEX™ FLAT FLEX CABLE JUMPERS FOR 0.50MM (.020") CONNECTORS

These jumpers are used to connect 2 PC boards and terminate to either ZIF or Non-ZIF FFC Connectors. Mates with any 0.50mm (.020") Pitch FFC/FPC Connector. They are available with the contacting area on the same side (Type A) or the opposite side (Type D) to mirror signal layout between PC Boards.

Specifications:

- Voltage: 30V
- Current: 0.5A
- Temperature: -40 to +80°C
- Cable Width: (No. of circuits + 1) x 0.50mm
- Exposed conductor length: 4mm with 8mm reinforcement
- Conductor width: 0.30mm (.012")
- Conductor thickness: 0.10mm (.004")
- Contacts on the same side

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Type	Length in. (mm)	Price Each			
						1	10	100	250
538-21020-0055	21020-0055	E	6	A	3 (76.2)				
538-21020-0061	21020-0061	E	6	A	6 (152.4)				
538-21020-0077	21020-0077	E	8	A	3 (76.2)				
538-21020-0083	21020-0083	E	8	A	6 (152.4)				
538-21020-0097	21020-0097	E	10	A	2 (50.8)				
538-21020-0099	21020-0099	E	10	A	3 (76.2)				
538-21020-0101	21020-0101	E	10	A	4 (101.6)				
538-21020-0105	21020-0105	E	10	A	6 (152.4)				
538-21020-0109	21020-0109	E	10	A	8 (203.2)				
538-21020-0119	21020-0119	E	12	A	2 (50.8)				
538-21020-0121	21020-0121	E	12	A	3 (76.2)				
538-21020-0127	21020-0127	E	12	A	6 (152.4)				
538-21020-0143	21020-0143	E	14	A	3 (76.2)				
538-21020-0149	21020-0149	E	14	A	6 (152.4)				
538-21020-0165	21020-0165	E	16	A	3 (76.2)				
538-21020-0171	21020-0171	E	16	A	6 (152.4)				
538-21020-0187	21020-0187	E	18	A	3 (76.2)				
538-21020-0193	21020-0193	E	18	A	6 (152.4)				
538-21020-0209	21020-0209	E	20	A	3 (76.2)				
538-21020-0211	21020-0211	E	20	A	4 (101.6)				
538-21020-0212	21020-0212	E	20	D	4 (101.6)				
538-21020-0215	21020-0215	E	20	A	6 (152.4)				

For quantities of 500 or more, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Type	Length in. (mm)	Price Each			
						1	10	100	250
538-21020-0217	21020-0217	E	20	A	7 (177.8)				
538-21020-0219	21020-0219	E	20	A	8 (203.2)				
538-21020-0220	21020-0220	E	20	D	8 (203.2)				
538-21020-0231	21020-0231	E	22	A	3 (76.2)				
538-21020-0237	21020-0237	E	22	A	6 (152.4)				
538-21020-0253	21020-0253	E	24	A	3 (76.2)				
538-21020-0255	21020-0255	E	24	A	4 (101.6)				
538-21020-0259	21020-0259	E	24	A	6 (152.4)				
538-21020-0297	21020-0297	E	28	A	3 (76.2)				
538-21020-0303	21020-0303	E	28	A	6 (152.4)				
538-21020-0317	21020-0317	E	30	A	2 (50.8)				
538-21020-0319	21020-0319	E	30	A	3 (76.2)				
538-21020-0321	21020-0321	E	30	A	4 (101.6)				
538-21020-0322	21020-0322	E	30	D	4 (101.6)				
538-21020-0325	21020-0325	E	30	A	6 (152.4)				
538-21020-0329	21020-0329	E	30	A	8 (203.2)				
538-21020-0429	21020-0429	E	40	A	3 (76.2)				
538-21020-0432	21020-0432	E	40	D	4 (101.6)				
538-21020-0435	21020-0435	E	40	A	6 (152.4)				
538-21020-0438	21020-0438	E	40	D	7 (177.8)				
538-21020-0439	21020-0439	E	40	A	8 (203.2)				