

MOLEX Flat Flex Jumpers

molex
one company a world of innovation

PREMO-FLEX™ FLAT FLEX CABLE JUMPERS

Premo-Flex™ FFC jumpers, available in a variety of pitches, cable lengths and thicknesses, plus high-temperature ratings up to +105°C, deliver durable, ultra flexible, low-cost solutions for PCB connections in virtually any industry.

Specifications:

- Type "A": contact area same side
- Type "D": contact area opposite side
- Current (max.):
0.50mm Pitch — 0.5A
1.00mm Pitch — 1.2A
0.3mm Pitch — 1.2A

Applications:

- Computer Peripherals:
Notebook PCs
Keyboards
- Printers:
LCD Flat Panel
Scanners

- Entertainment/Consumer:
Set Top Box
Camcorders
CD Players
- Video Games:
Plasma Displays

- Other Industries:
Automotive
Military
Medical
Industrial

0.3mm Etched Polyimide Jumpers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	No. of Circuits	Type	Length in. (mm)	Price Each			
					1	10	250	
538-15015-0223	15015-0223	23	A	2 (50.8)	1.63	1.55	1.30	1.20
538-15015-0423	15015-0423	23	A	4 (101.6)	2.43	2.35	1.98	1.83
538-15015-0623	15015-0623	23	A	6 (152.4)	3.01	2.86	2.40	2.22
538-15015-0225	15015-0225	25	A	2 (50.8)	1.72	1.64	1.38	1.27
538-15015-0425	15015-0425	25	A	4 (101.6)	2.53	2.45	2.06	1.90
538-15015-0625	15015-0625	25	A	6 (152.4)	3.12	2.96	2.49	2.30
538-15015-0227	15015-0227	27	A	2 (50.8)	1.79	1.70	1.43	1.32
538-15015-0427	15015-0427	27	A	4 (101.6)	2.77	2.68	2.26	2.08
538-15015-0627	15015-0627	27	A	6 (152.4)	3.21	3.05	2.57	2.38
538-15015-0229	15015-0229	29	A	2 (50.8)	1.86	1.77	1.49	1.37
538-15015-0429	15015-0429	29	A	4 (101.6)	2.38	2.27	1.90	1.77
538-15015-0629	15015-0629	29	A	6 (152.4)	3.36	3.20	2.68	2.48
538-15015-0233	15015-0233	33	A	2 (50.8)	1.94	1.84	1.55	1.43
538-15015-0433	15015-0433	33	A	4 (101.6)	2.94	2.84	2.40	2.21
538-15015-0633	15015-0633	33	A	6 (152.4)	3.48	3.31	2.78	2.57
538-15015-0239	15015-0239	39	A	2 (50.8)	2.08	1.98	1.66	1.54
538-15015-0439	15015-0439	39	A	4 (101.6)	2.82	2.68	2.25	2.08
538-15015-0639	15015-0639	39	A	6 (152.4)	3.52	3.35	2.82	2.61
538-15015-0245	15015-0245	45	A	2 (50.8)	2.24	2.13	1.79	1.65
538-15015-0445	15015-0445	45	A	4 (101.6)	2.82	2.68	2.25	2.08
538-15015-0645	15015-0645	45	A	6 (152.4)	3.54	3.36	2.83	2.62
538-15015-0251	15015-0251	51	A	2 (50.8)	2.34	2.22	1.86	1.73
538-15015-0451	15015-0451	51	A	4 (101.6)	3.02	2.87	2.41	2.23
538-15015-0651	15015-0651	51	A	6 (152.4)	4.22	4.01	3.37	3.12

Jumpers for 0.50mm (.020") Connectors (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	No. of Circuits	Type	Length in. (mm)	Price Each			
					1	10	100	250
Cable Thickness: 0.27mm, Tin, Standard: -40° to +80° (Cont.)								
538-21020-0215	21020-0215	20	A	6 (152.4)	4.53	3.96	3.25	2.95
538-21020-0219	21020-0219	20	A	8 (203.2)	5.69	4.73	3.48	2.94
538-21020-0220	21020-0220	20	D	8 (203.2)	5.14	4.50	3.69	3.35
538-21020-0237	21020-0237	22	A	6 (152.4)	4.59	4.02	3.30	2.99
538-21020-0253	21020-0253	24	A	3 (76.2)	6.52	5.42	3.98	3.37
538-21020-0255	21020-0255	24	A	4 (101.6)	4.43	3.88	3.18	2.88
538-21020-0259	21020-0259	24	A	6 (152.4)	5.19	4.54	3.72	3.38
538-21020-0297	21020-0297	28	A	3 (76.2)	4.26	3.73	3.06	2.77
538-21020-0303	21020-0303	28	A	6 (152.4)	5.27	4.61	3.78	3.43
538-21020-0317	21020-0317	30	A	2 (50.8)	7.62	6.34	4.65	3.94
538-21020-0319	21020-0319	30	A	3 (76.2)	4.95	4.33	3.55	3.22
538-21020-0321	21020-0321	30	A	4 (101.6)	6.65	5.12	4.82	3.62
538-21020-0325	21020-0325	30	A	6 (152.4)	6.43	5.63	4.62	4.19
538-21020-0329	21020-0329	30	A	8 (203.2)	11.10	9.25	6.78	5.74
538-21020-0429	21020-0429	40	A	3 (76.2)	7.80	6.50	4.76	4.04
538-21020-0432	21020-0432	40	D	4 (101.6)	4.51	4.36	4.00	3.79
538-21020-0435	21020-0435	40	A	6 (152.4)	6.61	5.79	4.75	4.30
538-21020-0438	21020-0438	40	D	7 (177.8)	7.20	6.40	5.75	5.18
538-21020-0439	21020-0439	40	A	8 (203.2)	11.45	9.54	6.99	5.92
Cable Thickness: 0.27mm, Gold, Standard: -40° to +80°								
538-15020-0097	15020-0097	10	A	2 (50.8)	3.94	3.45	3.07	2.76
538-15020-0099	15020-0099	10	A	3 (76.2)	4.53	3.96	3.52	3.17
538-15020-0101	15020-0101	10	A	4 (101.6)	5.14	4.50	4.00	3.60
538-15020-0105	15020-0105	10	A	6 (152.4)	6.40	5.60	4.98	4.48
538-15020-0109	15020-0109	10	A	8 (203.2)	7.57	6.63	5.89	5.30
538-15020-0119	15020-0119	12	A	2 (50.8)	3.94	3.45	3.07	2.76
538-15020-0127	15020-0127	12	A	6 (152.4)	6.40	5.60	4.98	4.48
538-15020-0143	15020-0143	14	A	3 (76.2)	4.53	3.96	3.52	3.17
538-15020-0149	15020-0149	14	A	6 (152.4)	6.40	5.60	4.98	4.48
538-15020-0165	15020-0165	16	A	3 (76.2)	4.53	3.96	3.52	3.17
538-15020-0171	15020-0171	16	A	6 (152.4)	6.40	5.60	4.98	4.48
538-15020-0193	15020-0193	18	A	6 (152.4)	6.41	5.61	4.98	4.48
538-15020-0209	15020-0209	20	A	3 (76.2)	4.53	3.96	3.52	3.17
538-15020-0211	15020-0211	20	A	4 (101.6)	5.14	4.50	4.00	3.60
538-15020-0219	15020-0219	20	A	8 (203.2)	7.69	6.72	5.98	5.38
538-15020-0297	15020-0297	28	A	3 (76.2)	4.58	4.01	3.56	3.21
538-15020-0317	15020-0317	30	A	2 (50.8)	3.95	3.46	3.07	2.77
538-15020-0321	15020-0321	30	A	4 (101.6)	5.26	4.60	4.09	3.68
538-15020-0325	15020-0325	30	A	6 (152.4)	6.68	5.85	5.20	4.68
538-15020-0329	15020-0329	30	A	8 (203.2)	8.05	7.05	6.26	5.64
538-15020-0429	15020-0429	40	A	3 (76.2)	4.71	4.12	3.66	3.30
538-15020-0432	15020-0432	40	D	4 (101.6)	5.58	4.88	4.34	3.91
538-15020-0435	15020-0435	40	A	6 (152.4)	7.01	6.13	5.45	4.90
538-15020-0438	15020-0438	40	D	7 (177.8)	7.89	6.91	6.14	5.53
538-15020-0439	15020-0439	40	A	8 (203.2)	8.51	7.44	6.62	5.95

Jumpers for 0.50mm (.020") Connectors

For quantities greater than listed, call for quote.

Cable Thickness: 0.12mm, Tin, Standard: -40° to +80°								
538-15166-0119	15166-0119	12	A	2 (50.8)	2.43	2.16	1.94	1.76
538-15166-0127	15166-0127	12	A	6 (152.4)	2.33	2.07	1.86	1.69
538-15166-0207	15166-0207	20	A	2 (50.8)	2.38	2.11	1.90	1.73
538-15166-0215	15166-0215	20	A	6 (152.4)	2.38	2.11	1.90	1.73
538-15166-0317	15166-0317	30	A	2 (50.8)	2.25	2.00	1.80	1.64
538-15166-0325	15166-0325	30	A	6 (152.4)	2.58	2.29	2.06	1.87
538-15166-0427	15166-0427	40	A	2 (50.8)	2.30	2.04	1.84	1.67
538-15166-0435	15166-0435	40	A	6 (152.4)	2.98	2.64	2.38	2.16

Cable Thickness: 0.22mm, Tin, High Temperature: -40° to +105°								
538-98266-0061	98266-0061	6	A	6 (152.4)	3.81	3.25	2.72	2.42
538-98266-0062	98266-0062	6	D	6 (152.4)	3.78	3.40	3.06	2.73
538-98266-0083	98266-0083	8	A	6 (152.4)	4.19	3.58	2.99	2.67
538-98266-0084	98266-0084	8	D	6 (152.4)	4.20	3.78	3.40	3.06
538-98266-0105	98266-0105	10	A	6 (152.4)	2.93	2.50	2.09	1.86
538-98266-0106	98266-0106	10	D	6 (152.4)	2.93	2.63	2.37	2.14
538-98266-0119	98266-0119	12	A	2 (50.8)	2.99	2.56	2.14	1.90
538-98266-0127	98266-0127	12	A	6 (152.4)	3.07	2.61	2.19	1.95
538-98266-0128	98266-0128	12	D	6 (152.4)	3.05	2.74	2.46	2.22
538-98266-0149	98266-0149	14	A	6 (152.4)	3.23	2.75	2.31	2.05
538-98266-0150	98266-0150	14	D	6 (152.4)	3.20	2.89	2.59	2.33
538-98266-0172	98266-0172	16	D	6 (152.4)	3.44	3.10	2.79	2.51

538-98266-0193	98266-0193	18	A	6 (152.4)	3.76	3.21	2.68	2.39
538-98266-0194	98266-0194	18	D	6 (152.4)	3.75	3.37	3.03	2.74
538-98266-0207	98266-0207	20	A	2 (50.8)	3.34	2.86	2.39	2.13
538-98266-0215	98266-0215	20	A	6 (152.4)	3.77	3.22	2.69	2.39
538-98266-0216	98266-0216	20	D	6 (152.4)	3.78	3.40	3.06	2.75
538-98266-0259	98266-0259	24	A	6 (152.4)	4.32	3.68	3.08	2.74
538-98266-0260	98266-0260	24	D	6 (152.4)	4.29	3.85	3.47	3.12
538-98266-0281	98266-0281	26	A	6 (152.4)	4.35	3.72	3.10	2.76
538-98266-0282	98266-0282	26	D	6 (152.4)	4.34	3.91	3.51	3.15
538-98266-0317	98266-0317	30	A	2 (50.8)	4.11	3.50	2.93	2.61
538-98266-0319	98266-0319	30	A	3 (76.2)	4.12	3.51	2.94	2.62
538-98266-0322	98266-0322	30	D	4 (101.6)	4.43	3.78	3.15	3.00
538-98266-0325	98266-0325	30	A	6 (152.4)	5.35	4.56	3.82	3.40
538-98266-0326	98266-0326	30	D	6 (152.4)	5.27	4.79	4.31	3.87
538-98266-0347	98266-0347	32	A	6 (152.4)	5.39	4.60	3.84	3.43
538-98266-0346	98266-0346	32	D	6 (152.4)	4.89	4.40	3.96	3.57
538-98266-0429	98266-0429	40	A	3 (76.2)	4.20	3.59	3.01	2.90
538-98266-0427	98266-0427	40	A	2 (50.8)	4.17	3.56	2.97	2.90
538-98266-0431	98266-0431	40	A	4 (101.6)	4.53	3.86	3.23	3.10
538-98266-0432	98266-0432	40	D	4 (101.6)	4.53	3.86	3.23	3.10
538-98266-0435	98266-0435	40	A	6 (152.4)	5.50	4.62	3.	