

## FEATURES AND SPECIFICATIONS

Molex introduces a complete line of 1.00mm (.039") pitch Flat Flex Cable jumpers. These jumpers are used to connect 2 PC boards and terminate to either ZIF or Non-ZIF FFC Connectors.

Molex 1.00mm (.039") Flat Flex Cable jumpers are available in a wide variety of lengths and circuit sizes. These standard lengths are easy to order and feature shorter lead times.

### Reference Information

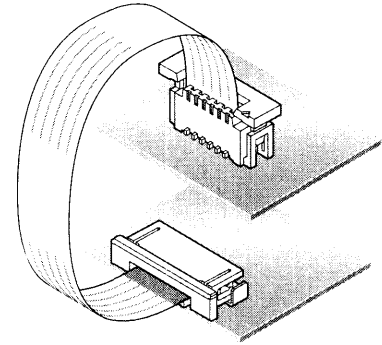
UL Style No.: 2896  
 Mates With: Any 1.00mm (.039") Pitch  
 Molex FFC/FPC connector  
 Designed In: Millimeters

**Electrical**  
 Voltage: 30V  
 Current: 1.2A

**Physical**  
 Strip Length: 4.0mm (.157")  
 Reinforcement Length: 8.00mm (.315")  
 Width: (N + 1) 1.00mm  
 Span: (N - 1) 1.00mm  
 Margin: 0.65mm (.026")  
 Conductor Width: 0.70mm (.028")  
 Conductor Thickness: 0.10mm (.004")  
 End Thickness: 0.30±0.05mm (.012±.002")  
 Temperature: -40 to +80°C

# molex® 1.00mm (.039") Pitch Premo-Flex™ Flat Flex Cable Jumpers

## 21039 Standard



FFC/FPC Connectors



## ORDERING INFORMATION AND DIMENSIONS

### Type A\* FFC Jumpers — Contacts on same side

Circuits	Order No.										
	Overall Length										
	30.00mm (1.181")	51.00mm (2.00")	76.00mm (3.00")	102.00mm (4.00")	127.00mm (5.00")	152.00mm (6.00")	178.00mm (7.00")	203.00mm (8.00")	229.00mm (9.00")	254.00mm (10.00")	305.00mm (12.00")
6	21039-0201	21039-0203	21039-0205	21039-0207	21039-0209	21039-0211	21039-0213	21039-0215	21039-0217	21039-0219	21039-0221
8	21039-0223	21039-0225	21039-0227	21039-0229	21039-0231	21039-0233	21039-0235	21039-0237	21039-0239	21039-0241	21039-0243
10	21039-0245	21039-0247	21039-0249	21039-0251	21039-0253	21039-0255	21039-0257	21039-0259	21039-0261	21039-0263	21039-0265
12	21039-0267	21039-0269	21039-0271	21039-0273	21039-0275	21039-0277	21039-0279	21039-0281	21039-0283	21039-0285	21039-0287
14	21039-0289	21039-0291	21039-0293	21039-0295	21039-0297	21039-0299	21039-0301	21039-0303	21039-0305	21039-0307	21039-0309
16	21039-0311	21039-0313	21039-0315	21039-0317	21039-0319	21039-0321	21039-0323	21039-0325	21039-0327	21039-0329	21039-0331
18	21039-0333	21039-0335	21039-0337	21039-0339	21039-0341	21039-0343	21039-0345	21039-0347	21039-0349	21039-0351	21039-0353
20	21039-0355	21039-0357	21039-0359	21039-0361	21039-0363	21039-0365	21039-0367	21039-0369	21039-0371	21039-0373	21039-0375
22	21039-0377	21039-0379	21039-0381	21039-0383	21039-0385	21039-0387	21039-0389	21039-0391	21039-0393	21039-0395	21039-0397
24	21039-0399	21039-0401	21039-0403	21039-0405	21039-0407	21039-0409	21039-0411	21039-0413	21039-0415	21039-0417	21039-0419
26	21039-0421	21039-0423	21039-0425	21039-0427	21039-0429	21039-0431	21039-0433	21039-0435	21039-0437	21039-0439	21039-0441
28	21039-0443	21039-0445	21039-0447	21039-0449	21039-0451	21039-0453	21039-0455	21039-0457	21039-0459	21039-0461	21039-0463
30	21039-0465	21039-0467	21039-0469	21039-0471	21039-0473	21039-0475	21039-0477	21039-0479	21039-0481	21039-0483	21039-0485
32	21039-0487	21039-0489	21039-0491	21039-0493	21039-0495	21039-0497	21039-0499	21039-0501	21039-0503	21039-0505	21039-0507
34	21039-0509	21039-0511	21039-0513	21039-0515	21039-0517	21039-0519	21039-0521	21039-0523	21039-0525	21039-0527	21039-0529
36	21039-0531	21039-0533	21039-0535	21039-0537	21039-0539	21039-0541	21039-0543	21039-0545	21039-0547	21039-0549	21039-0551
38	21039-0553	21039-0555	21039-0557	21039-0559	21039-0561	21039-0563	21039-0565	21039-0567	21039-0569	21039-0571	21039-0573
40	21039-0575	21039-0577	21039-0579	21039-0581	21039-0583	21039-0585	21039-0587	21039-0589	21039-0591	21039-0593	21039-0595

### Type D\* FFC Jumpers — Contacts on opposite sides

Circuits	Order No.										
	Overall Length										
	30.00mm (1.181")	51.00mm (2.00")	76.00mm (3.00")	102.00mm (4.00")	127.00mm (5.00")	152.00mm (6.00")	178.00mm (7.00")	203.00mm (8.00")	229.00mm (9.00")	254.00mm (10.00")	305.00mm (12.00")
6	21039-0202	21039-0204	21039-0206	21039-0208	21039-0210	21039-0212	21039-0214	21039-0216	21039-0218	21039-0220	21039-0222
8	21039-0224	21039-0226	21039-0228	21039-0230	21039-0232	21039-0234	21039-0236	21039-0238	21039-0240	21039-0242	21039-0244
10	21039-0246	21039-0248	21039-0250	21039-0252	21039-0254	21039-0256	21039-0258	21039-0260	21039-0262	21039-0264	21039-0266
12	21039-0268	21039-0270	21039-0272	21039-0274	21039-0276	21039-0278	21039-0280	21039-0282	21039-0284	21039-0286	21039-0288
14	21039-0290	21039-0292	21039-0294	21039-0296	21039-0298	21039-0300	21039-0302	21039-0304	21039-0306	21039-0308	21039-0310
16	21039-0312	21039-0314	21039-0316	21039-0318	21039-0320	21039-0322	21039-0324	21039-0326	21039-0328	21039-0330	21039-0332
18	21039-0334	21039-0336	21039-0338	21039-0340	21039-0342	21039-0344	21039-0346	21039-0348	21039-0350	21039-0352	21039-0354
20	21039-0356	21039-0358	21039-0360	21039-0362	21039-0364	21039-0366	21039-0368	21039-0370	21039-0372	21039-0374	21039-0376
22	21039-0378	21039-0380	21039-0382	21039-0384	21039-0386	21039-0388	21039-0390	21039-0392	21039-0394	21039-0396	21039-0398
24	21039-0400	21039-0402	21039-0404	21039-0406	21039-0408	21039-0410	21039-0412	21039-0414	21039-0416	21039-0418	21039-0420
26	21039-0422	21039-0424	21039-0426	21039-0428	21039-0430	21039-0432	21039-0434	21039-0436	21039-0438	21039-0440	21039-0442
28	21039-0444	21039-0446	21039-0448	21039-0450	21039-0452	21039-0454	21039-0456	21039-0458	21039-0460	21039-0462	21039-0464
30	21039-0466	21039-0468	21039-0470	21039-0472	21039-0474	21039-0476	21039-0478	21039-0480	21039-0482	21039-0484	21039-0486
32	21039-0488	21039-0490	21039-0492	21039-0494	21039-0496	21039-0498	21039-0500	21039-0502	21039-0504	21039-0506	21039-0508
34	21039-0510	21039-0512	21039-0514	21039-0516	21039-0518	21039-0520	21039-0522	21039-0524	21039-0526	21039-0528	21039-0530
36	21039-0532	21039-0534	21039-0536	21039-0538	21039-0540	21039-0542	21039-0544	21039-0546	21039-0548	21039-0550	21039-0552
38	21039-0554	21039-0556	21039-0558	21039-0560	21039-0562	21039-0564	21039-0566	21039-0568	21039-0570	21039-0572	21039-0574
40	21039-0576	21039-0578	21039-0580	21039-0582	21039-0584	21039-0586	21039-0588	21039-0590	21039-0592	21039-0594	21039-0596

\* For Premo-Flex, Types A, D, E and F denote various stripping and contact pad orientation options for FFC only. On the FFC/FPC Cable Specifications pages, Types A, D, E and F denote recommended contact pad layouts for FFCs and FPCs of various pitches.