

FEATURES AND SPECIFICATIONS

Molex introduces a complete line of 1.25mm (.049") 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 1.25mm (.049") 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

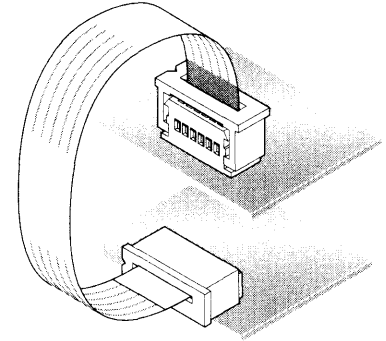
UL Style No.: 2896
 Mates With: Any 1.25mm (.049") Pitch
 Molex FFC/FPC connector
 Designed In: Millimeters

Electrical
 Voltage: 30V
 Current: 1.2A

Physical
 Strip Length: 5.0mm (.197")
 Reinforcement Length: 10.00mm (.394")
 Width: (N + 1) 1.25mm
 Span: (N - 1) 1.25mm
 Margin: 0.85mm (.033")
 Conductor Width: 0.80mm (.031")
 Conductor Thickness: 0.10mm (.004")
 End Thickness: 0.30±0.05mm (.012±.002")
 Temperature: -40 to +80°C

molex® 1.25mm (.049") Pitch Premo-Flex™ Flat Flex Cable Jumpers

21049 Standard



FFC/FPC Connectors



ORDERING INFORMATION AND DIMENSIONS

Type A* FFC Jumpers—Contacts on same side

Circuits	Order No.										
	Overall Length										
	30.00mm (1.81")	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	21049-0101	21049-0103	21049-0105	21049-0107	21049-0109	21049-0111	21049-0113	21049-0115	21049-0117	21049-0119	21049-0121
8	21049-0123	21049-0125	21049-0127	21049-0129	21049-0131	21049-0133	21049-0135	21049-0137	21049-0139	21049-0141	21049-0143
10	21049-0145	21049-0147	21049-0149	21049-0151	21049-0153	21049-0155	21049-0157	21049-0159	21049-0161	21049-0163	21049-0165
12	21049-0167	21049-0169	21049-0171	21049-0173	21049-0175	21049-0177	21049-0179	21049-0181	21049-0183	21049-0185	21049-0187
14	21049-0189	21049-0191	21049-0193	21049-0195	21049-0197	21049-0199	21049-0201	21049-0203	21049-0205	21049-0207	21049-0209
16	21049-0211	21049-0213	21049-0215	21049-0217	21049-0219	21049-0221	21049-0223	21049-0225	21049-0227	21049-0229	21049-0231
18	21049-0233	21049-0235	21049-0237	21049-0239	21049-0241	21049-0243	21049-0245	21049-0247	21049-0249	21049-0251	21049-0253
20	21049-0255	21049-0257	21049-0259	21049-0261	21049-0263	21049-0265	21049-0267	21049-0269	21049-0271	21049-0273	21049-0275
22	21049-0277	21049-0279	21049-0281	21049-0283	21049-0285	21049-0287	21049-0289	21049-0291	21049-0293	21049-0295	21049-0297
24	21049-0299	21049-0301	21049-0303	21049-0305	21049-0307	21049-0309	21049-0311	21049-0313	21049-0315	21049-0317	21049-0319
26	21049-0321	21049-0323	21049-0325	21049-0327	21049-0329	21049-0331	21049-0333	21049-0335	21049-0337	21049-0339	21049-0341
28	21049-0343	21049-0345	21049-0347	21049-0349	21049-0351	21049-0353	21049-0355	21049-0357	21049-0359	21049-0361	21049-0363
30	21049-0365	21049-0367	21049-0369	21049-0371	21049-0373	21049-0375	21049-0377	21049-0379	21049-0381	21049-0383	21049-0385
32	21049-0387	21049-0389	21049-0391	21049-0393	21049-0395	21049-0397	21049-0399	21049-0401	21049-0403	21049-0405	21049-0407
34	21049-0409	21049-0411	21049-0413	21049-0415	21049-0417	21049-0419	21049-0421	21049-0423	21049-0425	21049-0427	21049-0429
36	21049-0431	21049-0433	21049-0435	21049-0437	21049-0439	21049-0441	21049-0443	21049-0445	21049-0447	21049-0449	21049-0451
38	21049-0453	21049-0455	21049-0457	21049-0459	21049-0461	21049-0463	21049-0465	21049-0467	21049-0469	21049-0471	21049-0473
40	21049-0475	21049-0477	21049-0479	21049-0481	21049-0483	21049-0485	21049-0487	21049-0489	21049-0491	21049-0493	21049-0495

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	21049-0102	21049-0104	21049-0106	21049-0108	21049-0110	21049-0112	21049-0114	21049-0116	21049-0118	21049-0120	21049-0122
8	21049-0124	21049-0126	21049-0128	21049-0130	21049-0132	21049-0134	21049-0136	21049-0138	21049-0140	21049-0142	21049-0144
10	21049-0146	21049-0148	21049-0150	21049-0152	21049-0154	21049-0156	21049-0158	21049-0160	21049-0162	21049-0164	21049-0166
12	21049-0168	21049-0170	21049-0172	21049-0174	21049-0176	21049-0178	21049-0180	21049-0182	21049-0184	21049-0186	21049-0188
14	21049-0190	21049-0192	21049-0194	21049-0196	21049-0198	21049-0200	21049-0202	21049-0204	21049-0206	21049-0208	21049-0210
16	21049-0212	21049-0214	21049-0216	21049-0218	21049-0220	21049-0222	21049-0224	21049-0226	21049-0228	21049-0230	21049-0232
18	21049-0234	21049-0236	21049-0238	21049-0240	21049-0242	21049-0244	21049-0246	21049-0248	21049-0250	21049-0252	21049-0254
20	21049-0256	21049-0258	21049-0260	21049-0262	21049-0264	21049-0266	21049-0268	21049-0270	21049-0272	21049-0274	21049-0276
22	21049-0278	21049-0280	21049-0282	21049-0284	21049-0286	21049-0288	21049-0290	21049-0292	21049-0294	21049-0296	21049-0298
24	21049-0300	21049-0302	21049-0304	21049-0306	21049-0308	21049-0310	21049-0312	21049-0314	21049-0316	21049-0318	21049-0320
26	21049-0322	21049-0324	21049-0326	21049-0328	21049-0330	21049-0332	21049-0334	21049-0336	21049-0338	21049-0340	21049-0342
28	21049-0344	21049-0346	21049-0348	21049-0350	21049-0352	21049-0354	21049-0356	21049-0358	21049-0360	21049-0362	21049-0364
30	21049-0366	21049-0368	21049-0370	21049-0372	21049-0374	21049-0376	21049-0378	21049-0380	21049-0382	21049-0384	21049-0386
32	21049-0388	21049-0390	21049-0392	21049-0394	21049-0396	21049-0398	21049-0400	21049-0402	21049-0404	21049-0406	21049-0408
34	21049-0410	21049-0412	21049-0414	21049-0416	21049-0418	21049-0420	21049-0422	21049-0424	21049-0426	21049-0428	21049-0430
36	21049-0432	21049-0434	21049-0436	21049-0438	21049-0440	21049-0442	21049-0444	21049-0446	21049-0448	21049-0450	21049-0452
38	21049-0454	21049-0456	21049-0458	21049-0460	21049-0462	21049-0464	21049-0466	21049-0468	21049-0470	21049-0472	21049-0474
40	21049-0476	21049-0478	21049-0480	21049-0482	21049-0484	21049-0486	21049-0488	21049-0490	21049-0492	21049-0494	21049-0496

* 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.