

molex Mini-Fit Jr.™ Connectors
Positive Locking Hi-Density Power Connector (Cont.)



A

Fig.	Cir- cuits	UL94	Dimension – Inch (mm)		Digi-Key Part No.	Price Each			Molex Part No.
			A	B		1	10	100	
6	2	V-0	.291 (7.40)	—	WM24034-ND	.48	.43	.29	39-01-3029
	4	V-0	.496 (11.60)	.165 (4.20)	WM24061-ND	.56	.50	.34	39-01-3049
	6	V-0	.543 (13.80)	.331 (8.40)	WM24062-ND	.65	.58	.39	39-01-3069
	8	V-0	.709 (18.00)	.496 (12.60)	WM24063-ND	.67	.60	.40	39-01-3089
	10	V-0	.874 (22.20)	.661 (16.80)	WM24064-ND	.73	.65	.43	39-01-3109
12	V-0	1.039 (26.40)	.827 (21.00)	WM24065-ND	.76	.68	.45	39-01-3129	
Dual Row Panel Mount Plug									
7	2	V-2	.213 (5.40)	—	WM3600-ND	.45	.28	.16	39-01-2021
	4	V-2	.378 (9.60)	.165 (4.20)	WM3601-ND	.35	.32	.21	39-01-2041
	6	V-2	.543 (13.80)	.331 (8.40)	WM3602-ND	.38	.34	.23	39-01-2061
	8	V-2	.709 (18.00)	.496 (12.60)	WM3603-ND	.41	.37	.25	39-01-2081
	10	V-2	.874 (22.20)	.661 (16.80)	WM3604-ND	.49	.44	.29	39-01-2101
	12	V-2	1.039 (26.40)	.827 (21.00)	WM3605-ND	.51	.45	.30	39-01-2121
	14	V-2	1.205 (30.60)	.992 (25.20)	WM3606-ND	.71	.63	.42	39-01-2141
	16	V-2	1.370 (34.80)	1.158 (29.40)	WM3607-ND	.91	.81	.54	39-01-2161
	18	V-2	1.535 (39.00)	1.323 (33.6)	WM1012-ND	.91	.81	.54	39-01-2181
	20	V-2	1.701 (43.20)	1.488 (37.8)	WM1028-ND	1.07	.95	.63	39-01-2201
	22	V-2	1.866 (47.40)	1.654 (42.0)	WM1013-ND	1.18	1.05	.70	39-01-2221
	24	V-2	2.031 (51.60)	1.819 (46.2)	WM1029-ND	1.28	1.14	.76	39-01-2241
	2	V-0	.213 (5.40)	—	WM23600-ND	.48	.43	.29	39-01-2026
	4	V-0	.378 (9.60)	.165 (4.20)	WM23601-ND	.55	.49	.33	39-01-2046
	6	V-0	.543 (13.80)	.331 (8.40)	WM23602-ND	.65	.58	.39	39-01-2066
	8	V-0	.709 (18.00)	.496 (12.60)	WM23603-ND	.69	.61	.41	39-01-2086
10	V-0	.874 (22.20)	.661 (16.80)	WM23604-ND	.73	.65	.43	39-01-2106	
12	V-0	1.039 (26.40)	.827 (21.00)	WM23605-ND	.76	.68	.45	39-01-2126	
14	V-0	1.205 (30.60)	.992 (25.20)	WM23606-ND	.90	.80	.54	39-01-2146	
16	V-0	1.370 (34.80)	1.158 (29.40)	WM23607-ND	1.11	.98	.66	39-01-2166	
Dual Row Vertical Header — Tin									
8	2	V-2	.210 (5.40)	—	WM3800-ND‡	.64	.46	.31	39-28-1023
	4	V-2	.380 (9.60)	.170 (4.20)	WM3801-ND‡	.84	.59	.40	39-28-1043
	6	V-2	.540 (13.80)	.330 (8.40)	WM3802-ND‡	1.03	.91	.61	39-28-1063
	8	V-2	.710 (18.00)	.500 (12.60)	WM3803-ND‡	1.19	1.05	.70	39-28-1083
	10	V-2	.870 (22.20)	.660 (16.80)	WM3804-ND‡	1.54	1.36	.91	39-28-1103
	12	V-2	1.040 (26.40)	.825 (20.96)	WM3805-ND‡	1.23	1.02	.76	39-28-1123
	14	V-2	1.200 (31.60)	.990 (25.20)	WM3806-ND‡	2.00	1.77	1.18	39-28-1143
	16	V-2	1.370 (34.80)	1.160 (29.40)	WM3807-ND‡	2.23	1.97	1.32	39-28-1163
	18	V-2	1.540 (39.00)	1.320 (33.60)	WM3808-ND‡	2.51	2.22	1.48	39-28-1183
	20	V-2	1.700 (43.20)	1.490 (37.80)	WM3809-ND‡	2.79	2.46	1.64	39-28-1203
	22	V-2	1.870 (47.40)	1.650 (42.00)	WM3810-ND‡	3.06	2.71	1.81	39-28-1223
	24	V-2	2.030 (51.60)	1.820 (46.20)	WM3811-ND‡	3.35	2.96	1.97	39-28-1243
	2	V-2	.210 (5.40)	—	WM3843-ND	.53	.47	.32	39-29-3026
	4	V-2	.380 (9.60)	0.165 (4.20)	WM3844-ND	.69	.61	.41	39-29-3046
	6	V-2	.540 (13.80)	0.331 (8.40)	WM3845-ND	.87	.78	.52	39-29-3066
	8	V-2	.710 (18.00)	0.496 (12.60)	WM3846-ND	1.05	.94	.63	39-29-3086
	10	V-2	.870 (22.20)	0.661 (16.80)	WM3847-ND	1.38	1.22	.82	39-29-3106
	12	V-2	1.040 (26.40)	0.827 (21.00)	WM3848-ND	1.67	1.48	.99	39-29-3126
	14	V-2	1.200 (30.60)	.992 (25.20)	WM3849-ND	1.79	1.58	1.06	39-29-3146
	16	V-2	1.370 (34.80)	1.160 (29.40)	WM3850-ND	1.99	1.76	1.18	39-29-3166
	20	V-2	1.700 (43.20)	1.488 (37.80)	WM3851-ND	2.49	2.20	1.47	39-29-3206
	22	V-2	1.870 (47.40)	1.650 (42.00)	WM3852-ND	2.74	2.42	1.61	39-29-3226
	2	V-0	.210 (5.40)	—	WM23800-ND‡	.55	.49	.33	39-28-8020
	4	V-0	.380 (9.60)	.170 (4.20)	WM23801-ND‡	.85	.75	.50	39-28-8040
	6	V-0	.540 (13.80)	.330 (8.40)	WM23802-ND‡	1.16	1.02	.69	39-28-8060
	8	V-0	.710 (18.00)	.500 (12.60)	WM23803-ND‡	1.41	1.24	.83	39-28-8080
	10	V-0	.870 (22.20)	.660 (16.80)	WM23804-ND‡	1.66	1.47	.98	39-28-8100
	12	V-0	1.040 (26.40)	.825 (20.96)	WM23805-ND‡	1.84	1.62	1.08	39-28-8120
	14	V-0	1.200 (31.60)	.990 (25.20)	WM23806-ND‡	2.11	1.87	1.25	39-28-8140
	16	V-0	1.370 (34.80)	1.160 (29.40)	WM23807-ND‡	2.39	2.11	1.41	39-28-8160
	18	V-0	1.540 (39.00)	1.320 (33.60)	WM23808-ND‡	2.69	2.38	1.59	39-28-8180
	20	V-0	1.700 (43.20)	1.490 (37.80)	WM23809-ND‡	2.99	2.64	1.76	39-28-8200
22	V-0	1.870 (47.40)	1.650 (42.00)	WM23810-ND‡	3.28	2.90	1.94	39-28-8220	
24	V-0	2.030 (51.60)	1.820 (46.20)	WM23811-ND‡	3.59	3.17	2.12	39-28-8240	
Dual Row Vertical Header — Gold									
8	2	V-2	.210 (5.40)	—	WM3820-ND‡	1.07	.95	.64	39-29-0023
	4	V-2	.380 (9.60)	.170 (4.20)	WM3821-ND‡	1.98	1.75	1.17	39-29-0043
	6	V-2	.540 (13.80)	.330 (8.40)	WM3822-ND‡	2.84	2.51	1.68	39-29-0063
	8	V-2	.710 (18.00)	.500 (12.60)	WM3823-ND‡	3.69	3.26	2.18	39-29-0083
	10	V-2	.870 (22.20)	.660 (16.80)	WM3824-ND‡	4.50	3.97	2.65	39-29-0103
	12	V-2	1.040 (26.40)	.830 (21.00)	WM3825-ND‡	5.31	4.69	3.13	39-29-0123
	14	V-2	1.200 (30.60)	.990 (25.20)	WM3826-ND‡	6.25	5.52	3.68	39-29-0143

Fig.	Cir- cuits	UL94	Dimension – Inch (mm)		Digi-Key Part No.	Price Each			Molex Part No.	
			A	B		1	10	100		
16	V-2	1.370 (34.80)	1.160 (29.40)	WM3827-ND‡	7.11	6.28	4.19	39-29-0163		
	V-2	1.540 (39.00)	1.320 (33.60)	WM3828-ND‡	8.00	7.06	4.71	39-29-0183		
	V-2	1.700 (43.20)	1.490 (37.80)	WM3829-ND‡	8.88	7.85	5.23	39-29-0203		
	V-2	1.870 (47.40)	1.650 (42.00)	WM3830-ND‡	9.78	8.63	5.76	39-29-0223		
	V-2	2.030 (51.60)	1.820 (46.20)	WM3831-ND‡	10.67	9.41	6.28	39-29-0243		
	V-0	.210 (5.40)	—	WM23820-ND‡	1.13	1.00	.67	39-29-6028		
	V-0	.380 (9.60)	.170 (4.20)	WM23821-ND‡	1.89	1.68	1.12	39-29-6048		
	V-0	.540 (13.80)	.330 (8.40)	WM23822-ND‡	2.70	2.39	1.60	39-29-6068		
	V-0	.710 (18.00)	.500 (12.60)	WM23823-ND‡	3.50	3.09	2.06	39-29-6088		
	V-0	.870 (22.20)	.660 (16.80)	WM23824-ND‡	4.30	3.79	2.53	39-29-6108		
8	V-2	1.040 (26.40)	.830 (21.00)	WM23825-ND‡	5.05	4.45	2.97	39-29-6128		
	V-0	1.200 (30.60)	.990 (25.20)	WM23826-ND‡	5.89	5.20	3.47	39-29-6148		
	V-0	1.370 (34.80)	1.160 (29.40)	WM23827-ND‡	6.60	5.82	3.88	39-29-6168		
	V-0	1.540 (39.00)	1.320 (33.60)	WM23828-ND‡	7.42	6.58	4.39	39-29-6188		
	V-0	1.700 (43.20)	1.490 (37.80)	WM23829-ND‡	8.24	7.28	4.85	39-29-6208		
	V-0	1.870 (47.40)	1.650 (42.00)	WM23830-ND‡	9.07	8.01	5.34	39-29-6228		
	V-0	2.030 (51.60)	1.820 (46.20)	WM23831-ND‡	9.91	8.74	5.85	39-29-6248		
	Dual Row Vertical Header with Pegs — Tin									
	9	2	V-2	.210 (5.40)	.370 (9.40)	WM7324-ND	.53	.47	.32	39-29-9022
		4	V-2	.380 (9.60)	.535 (13.60)	WM7325-ND	.61	.54	.36	39-29-9042
		6	V-2	.540 (13.80)	.701 (17.80)	WM7326-ND	.91	.81	.54	39-29-9062
		8	V-2	.710 (18.00)	.866 (22.00)	WM7327-ND	1.05	.94	.63	39-29-9082
		10	V-2	.870 (22.20)	1.031 (26.20)	WM7328-ND	1.26	1.12	.75	39-29-9102
		12	V-2	1.040 (26.40)	1.197 (30.40)	WM7329-ND	1.67	1.48	.99	39-29-9122
14		V-2	1.200 (30.60)	1.362 (34.60)	WM7330-ND	1.79	1.58	1.06	39-29-9142	
16		V-2	1.370 (34.80)	1.528 (38.80)	WM7331-ND	2.07	1.83	1.22	39-29-9162	
18		V-2	1.540 (39.00)	1.693 (43.00)	WM7332-ND	2.33	2.06	1.38	39-29-9182	
20		V-2	1.700 (43.20)	1.858 (47.20)	WM7346-ND	2.62	2.31	1.53	39-29-9202	
22		V-2	1.870 (47.40)	2.024 (51.40)	WM7334-ND	2.86	2.53	1.69	39-29-9222	
24		V-2	2.030 (51.60)	2.189 (55.60)	WM7333-ND	3.20	2.83	1.96	39-29-9242	
2		V-2	.210 (5.40)	.370 (9.40)	WM17745-ND	.64	.57	.38	39-30-6027	
4		V-2	.380 (9.60)	.535 (13.60)	WM17746-ND	.87	.78	.52	39-30-6047	
6		V-2	.540 (13.80)	.701 (17.80)	WM17747-ND	.96	.85	.57	39-30-6067	
8		V-2	.710 (18.00)	.866 (22.00)	WM17748-ND	1.05	.94	.63	39-30-6087	
10		V-2	.870 (22.20)	1.031 (26.20)	WM17749-ND	1.26	1.12	.75	39-30-6107	
12		V-2	1.040 (26.40)	1.197 (30.40)	WM17750-ND	1.67	1.48	.99	39-30-6127	
14		V-2	1.200 (30.60)	1.362 (34.60)	WM17751-ND	1.79	1.58	1.06	39-30-6147	
16		V-2	1.370 (34.80)	1.528 (38.80)	WM17752-ND	2.07	1.83	1.22	39-30-6167	
18		V-2	1.540 (39.00)	1.693 (43.00)	WM17753-ND	2.33	2.06	1.38	39-30-6187	