

molex® .100" (2.54mm) Center Headers

.025" (.64mm) Square Pins

The Molex KK® Concept utilizes a double cantilever contact design in mating with P.C. board pins. UL Recognized (File #29179), CSA Recognized (File 19980) • Voltage Rating: 250VAC maximum • Current Rating: Up to 4 Amps (with 22 AWG wire) • Resistance: 20mΩ maximum • Dielectric Withstanding Voltage: 1500VAC for 60 seconds • Storage Temp.: -40°C - 105°C • Material: 94V-0

A

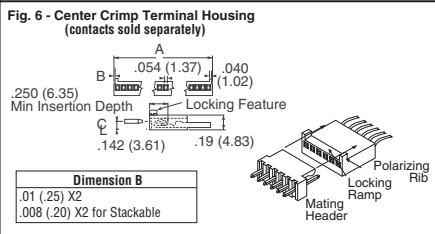
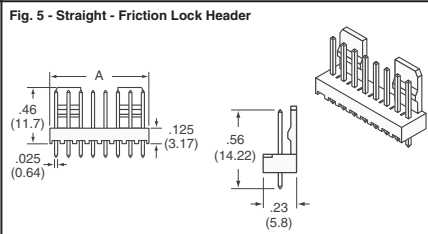
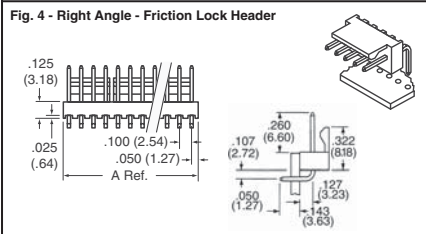
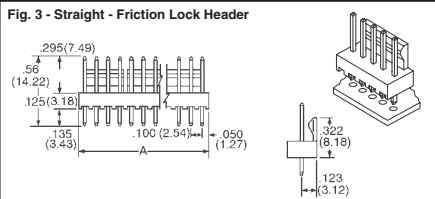
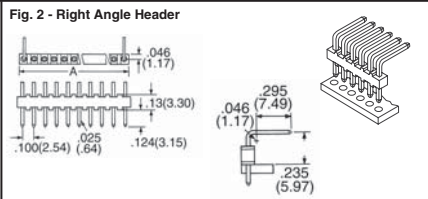
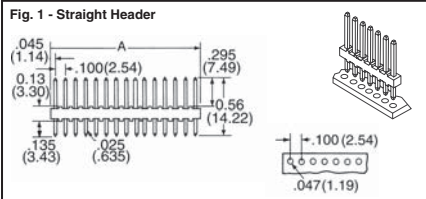


Fig.	Cir- cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10 100	Molex Part No.
.100" (2.54mm) Center Header - Tin					
1	2	.190 (4.83)	WM4000-ND	.19 1.70 11.33	22-03-2021
	3	.290 (7.37)	WM4001-ND	.35 3.05 20.30	22-03-2031
	4	.390 (9.91)	WM4002-ND	.46 4.04 26.90	22-03-2041
	5	.490 (12.45)	WM4003-ND	.57 5.03 33.50	22-03-2051
	6	.590 (14.99)	WM4004-ND	.68 6.02 40.10	22-03-2061
	7	.690 (17.53)	WM4005-ND	.80 7.08 47.20	22-03-2071
	8	.790 (20.07)	WM4006-ND	.80 7.08 47.20	22-03-2081
	9	.890 (22.61)	WM4007-ND	.90 7.93 52.85	22-03-2091
	10	.990 (25.15)	WM4008-ND	.91 7.99 53.28	22-03-2101
	11	1.090 (27.69)	WM4009-ND	1.00 8.85 58.98	22-03-2111
	12	1.190 (30.23)	WM4010-ND	1.10 9.69 64.63	22-03-2121
2	2	.190 (4.83)	WM4100-ND	.25 2.18 14.53	22-05-2021
	3	.290 (7.37)	WM4101-ND	.36 3.20 21.30	22-05-2031
	4	.390 (9.91)	WM4102-ND	.49 4.29 28.58	22-05-2041
	5	.490 (12.45)	WM4103-ND	.61 5.37 35.83	22-05-2051
	6	.590 (14.99)	WM4104-ND	.73 6.46 43.08	22-05-2061
	7	.690 (17.53)	WM4105-ND	.85 7.48 49.88	22-05-2071
	8	.790 (20.07)	WM4106-ND	.98 8.64 57.58	22-05-2081
	9	.890 (22.61)	WM4107-ND	1.10 9.73 64.88	22-05-2091
	10	.990 (25.15)	WM4108-ND	1.11 9.80 65.30	22-05-2101
	11	1.090 (27.69)	WM4109-ND	1.23 10.82 72.10	22-05-2111
	12	1.190 (30.23)	WM4110-ND	1.33 11.70 78.00	22-05-2121
3	2	.200 (5.08)	WM4200-ND	.25 2.18 14.53	22-23-2021
	3	.300 (7.62)	WM4201-ND	.35 3.06 20.40	22-23-2031
	4	.400 (10.16)	WM4202-ND	.44 3.88 25.88	22-23-2041
	5	.500 (12.70)	WM4203-ND	.52 4.63 30.85	22-23-2051
	6	.600 (15.24)	WM4204-ND	.60 5.30 35.35	22-23-2061
	7	.700 (17.78)	WM4205-ND	.71 6.26 41.75	22-23-2071
	8	.800 (20.32)	WM4206-ND	.82 7.21 48.05	22-23-2081
	9	.900 (22.86)	WM4207-ND	.92 8.10 53.98	22-23-2091
	10	1.000 (25.40)	WM4208-ND	.93 8.16 54.43	22-23-2101
	11	1.100 (27.94)	WM4209-ND	1.02 8.99 59.90	22-23-2111
	12	1.200 (30.48)	WM4210-ND	1.11 9.80 65.30	22-23-2121
4	2	.200 (5.08)	WM4300-ND	.50 4.38 29.23	22-05-3021
	3	.300 (7.62)	WM4301-ND	.68 6.02 40.10	22-05-3031
	4	.400 (10.16)	WM4302-ND	.87 7.71 51.40	22-05-3041
	5	.500 (12.70)	WM4303-ND	.95 8.42 56.13	22-05-3051
	6	.600 (15.24)	WM4304-ND	1.07 9.41 62.73	22-05-3061
	7	.700 (17.78)	WM4305-ND	1.24 10.96 73.08	22-05-3071
	8	.800 (20.32)	WM4306-ND	1.30 11.46 76.43	22-05-3081
	9	.900 (22.86)	WM4307-ND	1.35 11.88 79.23	22-05-3091
	10	1.000 (25.40)	WM4308-ND	1.36 12.03 80.18	22-05-3101
	11	1.100 (27.94)	WM4309-ND	1.50 13.23 88.20	22-05-3111
	12	1.200 (30.48)	WM4310-ND	1.54 13.59 90.58	22-05-3121
.100" (2.54mm) Center Header - Gold					
1	2	.190 (4.83)	WM2722-ND	.58 5.10 33.98	22-10-2021
	3	.290 (7.37)	WM2723-ND	.84 7.43 49.53	22-10-2031
	4	.390 (9.91)	WM2724-ND	1.12 9.90 66.00	22-10-2041

Fig.	Cir- cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10 100	Molex Part No.	
1	5	.490 (12.45)	WM2725-ND	1.40 12.38 82.55	22-10-2051	
	6	.590 (14.99)	WM2726-ND	1.68 14.78 98.55	22-10-2061	
	7	.690 (17.53)	WM2727-ND	1.87 16.49 109.93	22-10-2071	
	8	.790 (20.07)	WM2728-ND	2.14 18.89 125.93	22-10-2081	
	9	.890 (22.61)	WM2729-ND	2.41 21.22 141.48	22-10-2091	
	10	.990 (25.15)	WM2730-ND	2.67 23.56 157.08	22-10-2101	
	11	1.090 (27.69)	WM2731-ND	— 23.49 —	22-10-2111	
	12	1.190 (30.23)	WM2732-ND	3.21 28.30 188.65	22-10-2121	
	2	2	.190 (4.83)	WM2733-ND	.59 5.24 34.93	22-12-2021
		3	.290 (7.37)	WM2734-ND	.86 7.62 50.78	22-12-2031
		4	.390 (9.91)	WM2735-ND	1.11 9.80 65.30	22-12-2041
		5	.490 (12.45)	WM2736-ND	1.39 12.25 81.65	22-12-2051
6		.590 (14.99)	WM2737-ND	1.67 14.76 98.40	22-12-2061	
7		.690 (17.53)	WM2738-ND	1.95 17.21 114.75	22-12-2071	
8		.790 (20.07)	WM2739-ND	2.23 19.66 131.08	22-12-2081	
9		.890 (22.61)	WM2740-ND	2.51 22.18 147.85	22-12-2091	
10		.990 (25.15)	WM2741-ND	2.78 24.56 163.73	22-12-2101	
11		1.090 (27.69)	WM2742-ND	— 24.50 —	22-12-2111	
12		1.190 (30.23)	WM2743-ND	2.98 26.31 175.43	22-12-2121	
3		2	.200 (5.08)	WM2700-ND	.62 5.51 36.75	22-11-2022
	3	.300 (7.62)	WM2701-ND	1.01 8.91 59.43	22-11-2032	
	4	.400 (10.16)	WM2702-ND	1.05 9.25 61.68	22-11-2042	
	5	.500 (12.70)	WM2703-ND	1.49 13.13 87.53	22-11-2052	
	6	.600 (15.24)	WM2704-ND	1.64 14.49 96.60	22-11-2062	
	7	.700 (17.78)	WM2705-ND	1.91 16.88 112.50	22-11-2072	
	8	.800 (20.32)	WM2706-ND	2.00 17.62 117.48	22-11-2082	
	9	.900 (22.86)	WM2707-ND	2.25 19.86 132.43	22-11-2092	
	10	1.000 (25.40)	WM2708-ND	2.50 22.04 146.95	22-11-2102	
	11	1.100 (27.94)	WM2709-ND	2.75 24.29 161.90	22-11-2112	
	12	1.200 (30.48)	WM2710-ND	3.00 26.46 176.40	22-11-2122	
	4	2	.200 (5.08)	WM2711-ND	1.19 10.47 69.80	22-12-2024
3		.300 (7.62)	WM2712-ND	1.52 13.44 89.63	22-12-2034	
4		.400 (10.16)	WM2713-ND	1.80 15.92 106.10	22-12-2044	
5		.500 (12.70)	WM2714-ND	1.99 17.54 116.95	22-12-2054	
6		.600 (15.24)	WM2715-ND	2.16 19.10 127.35	22-12-2064	
7		.700 (17.78)	WM2716-ND	2.36 20.80 138.68	22-12-2074	
8		.800 (20.32)	WM2717-ND	2.46 21.72 144.80	22-12-2084	
9		.900 (22.86)	WM2718-ND	2.77 24.41 162.70	22-12-2094	
10		1.000 (25.40)	WM2719-ND	3.08 27.17 181.10	22-12-2104	
11		1.100 (27.94)	WM2720-ND	3.38 29.85 199.03	22-12-2114	
12		1.200 (30.48)	WM2721-ND	3.70 32.61 217.40	22-12-2124	
Straight - Friction Lock Header - Tin — RoHS Compliant						
5	2	.200 (5.08)	WM4111-ND	.35 3.12 20.78	22-27-2021	
	3	.300 (7.62)	WM4112-ND	.53 4.67 31.15	22-27-2031	
	4	.400 (10.16)	WM4113-ND	.58 5.10 33.98	22-27-2041	
	5	.500 (12.70)	WM4114-ND	.73 6.44 42.90	22-27-2051	
	6	.600 (15.24)	WM4115-ND	.77 6.80 45.30	22-27-2061	
	7	.700 (17.78)	WM4116-ND	.80 7.08 47.20	22-27-2071	
	8	.800 (20.32)	WM4117-ND	.91 8.07 53.80	22-27-2081	

Fig.	Cir- cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10 100	Molex Part No.	
5	9	.900 (22.86)	WM4118-ND	1.03 9.06 60.38	22-27-2091	
	10	1.00 (25.40)	WM4119-ND	1.04 9.20 61.30	22-27-2101	
	11	1.10 (27.94)	WM4120-ND	1.15 10.12 67.45	22-27-2111	
	12	1.20 (30.48)	WM4121-ND	1.24 10.96 73.08	22-27-2121	
	Straight - Friction Lock Header - Gold — RoHS Compliant					
	5	2	.200 (5.08)	WM2744-ND	.68 6.02 40.10	22-29-2021
		3	.300 (7.62)	WM2745-ND	1.11 9.77 65.10	22-29-2031
		4	.400 (10.16)	WM2746-ND	1.15 10.12 67.45	22-29-2041
		5	.500 (12.70)	WM2747-ND	1.63 14.36 95.75	22-29-2051
		6	.600 (15.24)	WM2748-ND	1.80 15.85 105.65	22-29-2061
		7	.700 (17.78)	WM2749-ND	2.08 18.39 122.63	22-29-2071
		8	.800 (20.32)	WM2750-ND	2.18 19.25 128.33	22-29-2081
9		.900 (22.86)	WM2751-ND	2.46 21.72 144.80	22-29-2091	
10		1.00 (25.40)	WM2752-ND	2.73 24.05 160.35	22-29-2101	
11		1.10 (27.94)	WM2753-ND	3.01 26.54 176.90	22-29-2111	
12		1.20 (30.48)	WM2754-ND	3.27 28.86 192.43	22-29-2121	
.100" (2.54mm) Center Crimp Terminal Housing (Contacts Sold Separately Below)						
With Locking Ramp and Polarizing Ribs — RoHS Compliant						
6	2	.222 (5.64)	WM2000-ND	.15 1.36 9.08	22-01-3027	
	3	.322 (8.18)	WM2001-ND	.22 1.98 13.18	22-01-3037	
	4	.422 (10.72)	WM2002-ND	.30 2.65 17.68	22-01-3047	
	5	.522 (13.26)	WM2003-ND	.38 3.33 22.23	22-01-3057	
	6	.622 (15.8)	WM2004-ND	.46 4.02 26.78	22-01-3067	
	7	.722 (18.34)	WM2005-ND	.53 4.70 31.30	22-01-3077	
	8	.822 (20.88)	WM2006-ND	.60 5.30 35.35	22-01-3087	
	9	.922 (23.42)	WM2007-ND	.68 5.99 39.90	22-01-3097	
	10	1.022 (25.96)	WM2008-ND	.76 6.67 44.48	22-01-3107	
	11	1.122 (28.5)	WM2009-ND	.83 7.35 48.98	22-01-3117	
	12	1.222 (31.04)	WM2010-ND	.90 7.96 53.08	22-01-3127	
	Without Locking Ramp or Polarizing Ribs — RoHS Compliant					
6	2	.222 (5.64)	WM1575-ND	.12 1.04 6.90	22-01-2021	
	3	.322 (8.18)	WM1576-ND	.18 1.58 10.53	22-01-2031	
	4	.422 (10.72)	WM1577-ND	.23 2.07 13.78	22-01-2041	
	5	.522 (13.26)	WM1578-ND	.30 2.61 17.40	22-01-2051	
	6	.622 (15.8)	WM1579-ND	.39 3.47 23.13	22-01-2061	
	7	.722 (18.34)	WM1580-ND	.41 3.65 24.30	22-01-2071	
	8	.822 (20.88)	WM1581-ND	.49 4.36 29.08	22-01-2081	
	9	.922 (23.42)	WM1582-ND	.53 4.68 31.20	22-01-2091	
	10	1.022 (25.96)	WM1583-ND	.59 5.23 34.85	22-01-2101	
	11	1.122 (28.5)	WM1584-ND	.65 5.71 38.08	22-01-2111	
	12	1.222 (31.04)	WM1585-ND	.71 6.26 41.75	22-01-2121	
	With Locking Ramp — RoHS Compliant					
6	2	.220 (5.59)	WM2011-ND	.13 1.16 7.70	22-01-2027	
	3	.320 (8.13)	WM2012-ND	.20 1.77 11.80	22-01-2037	
	4	.420 (10.67)	WM2013-ND			