

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 22AWG wire) • **Resistance:** 20mΩ maximum • **Dielectric Withstanding Voltage:** 1500VAC for 60 seconds • **Storage Temperature:** -40°C - 105°C • **Material:** 94V-0

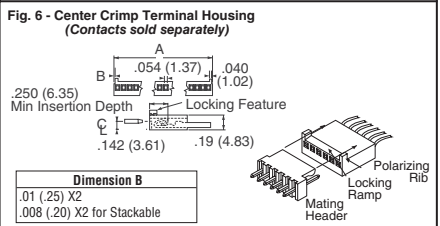
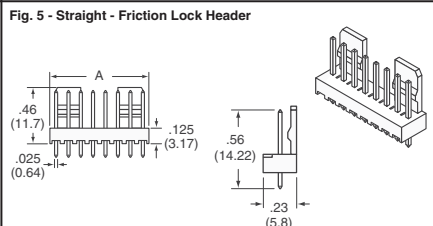
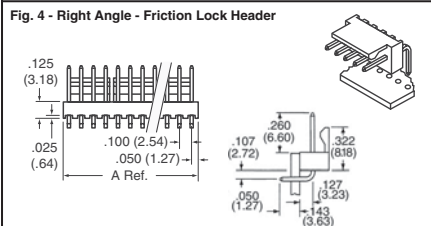
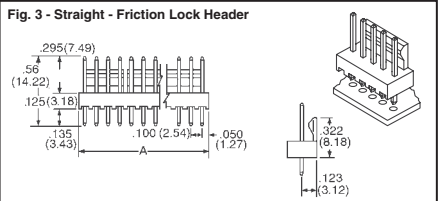
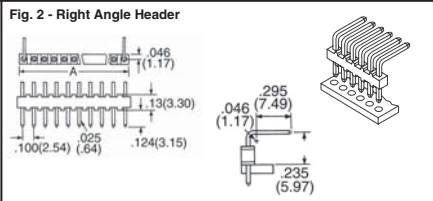
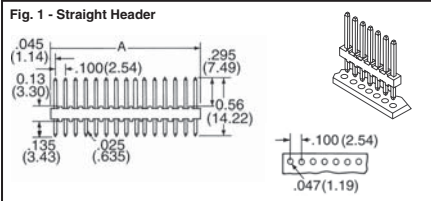


Fig.	Cir-cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing			Molex Part No.
				1	10	100	
.100" (2.54mm) Center Header - Tin							
1	2	.190 (4.83)	WM4000-ND	.49	2.86	12.66	22-03-2021
	3	.290 (7.37)	WM4001-ND	.58	3.66	21.02	22-03-2031
	4	.390 (9.91)	WM4002-ND	.36	3.01	22.29	22-03-2041
	5	.490 (12.45)	WM4003-ND	.64	5.64	37.59	22-03-2051
	6	.590 (14.99)	WM4004-ND	.83	5.81	39.05	22-03-2061
	7	.690 (17.53)	WM4005-ND	.90	7.94	52.97	22-03-2071
	8	.790 (20.07)	WM4006-ND	.90	7.94	52.97	22-03-2081
	9	.890 (22.61)	WM4007-ND	1.01	8.90	59.31	22-03-2091
	10	.990 (25.15)	WM4008-ND	1.02	8.97	59.79	22-03-2101
	11	1.09 (27.69)	WM4009-ND	1.12	9.93	66.19	22-03-2111
	12	1.19 (30.23)	WM4010-ND	1.23	10.87	72.53	22-03-2121
	2	2	.190 (4.83)	WM4100-ND	.28	2.45	16.30
3		.290 (7.37)	WM4101-ND	.40	3.59	23.90	22-05-2031
4		.390 (9.91)	WM4102-ND	.55	4.81	32.07	22-05-2041
5		.490 (12.45)	WM4103-ND	.68	6.03	40.21	22-05-2051
6		.590 (14.99)	WM4104-ND	.82	7.25	48.34	22-05-2061
7		.690 (17.53)	WM4105-ND	.95	8.39	55.97	22-05-2071
8		.790 (20.07)	WM4106-ND	1.10	9.70	64.61	22-05-2081
9		.890 (22.61)	WM4107-ND	1.23	10.92	72.81	22-05-2091
10		.990 (25.15)	WM4108-ND	1.25	11.00	73.28	22-05-2101
11		1.09 (27.69)	WM4109-ND	1.38	12.14	80.91	22-05-2111
12		1.19 (30.23)	WM4110-ND	1.49	13.13	87.53	22-05-2121
3		2	.200 (5.08)	WM4200-ND	.47	2.87	14.39
	3	.300 (7.62)	WM4201-ND	.59	3.68	21.15	22-23-2031
	4	.400 (10.16)	WM4202-ND	.75	4.66	26.80	22-23-2041
	5	.500 (12.70)	WM4203-ND	.90	5.55	31.96	22-23-2051
	6	.600 (15.24)	WM4204-ND	.73	5.13	34.46	22-23-2061
	7	.700 (17.78)	WM4205-ND	1.00	6.97	46.76	22-23-2071
	8	.800 (20.32)	WM4206-ND	1.14	8.02	53.85	22-23-2081
	9	.900 (22.86)	WM4207-ND	1.03	9.09	60.57	22-23-2091
	10	1.00 (25.40)	WM4208-ND	1.04	9.16	61.08	22-23-2101
	11	1.10 (27.94)	WM4209-ND	1.14	10.09	67.22	22-23-2111
	12	1.20 (30.48)	WM4210-ND	1.25	11.00	73.28	22-23-2121
	4	2	.200 (5.08)	WM4300-ND	.56	4.92	32.80
3		.300 (7.62)	WM4301-ND	.91	6.37	42.78	22-05-3031
4		.400 (10.16)	WM4302-ND	1.17	8.17	54.85	22-05-3041
5		.500 (12.70)	WM4303-ND	1.28	8.92	59.89	22-05-3051
6		.600 (15.24)	WM4304-ND	1.20	10.56	70.39	22-05-3061
7		.700 (17.78)	WM4305-ND	1.39	12.30	82.01	22-05-3071
8		.800 (20.32)	WM4306-ND	1.58	12.38	93.68	22-05-3081
9		.900 (22.86)	WM4307-ND	1.51	13.33	88.91	22-05-3091
10		1.00 (25.40)	WM4308-ND	1.53	13.50	89.97	22-05-3101
11		1.10 (27.94)	WM4309-ND	1.68	14.85	98.97	22-05-3111
12		1.20 (30.48)	WM4310-ND	1.73	15.25	101.65	22-05-3121
1		2	.190 (4.83)	WM2722-ND	.85	5.33	30.61
	3	.290 (7.37)	WM2723-ND	.94	8.34	55.58	22-10-2031

Fig.	Cir-cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing			Molex Part No.	
				1	10	100		
1	4	.390 (9.91)	WM2724-ND	1.26	11.11	74.06	22-10-2041	
	5	.490 (12.45)	WM2725-ND	1.57	13.89	92.63	22-10-2051	
	6	.590 (14.99)	WM2726-ND	1.89	16.59	110.59	22-10-2061	
	7	.690 (17.53)	WM2727-ND	2.10	18.50	123.36	22-10-2071	
	8	.790 (20.07)	WM2728-ND	2.40	21.20	141.31	22-10-2081	
	9	.890 (22.61)	WM2729-ND	2.70	23.81	158.76	22-10-2091	
	10	.990 (25.15)	WM2730-ND	3.00	26.44	176.27	22-10-2101	
	12	1.19 (30.23)	WM2732-ND	3.60	31.76	211.70	22-10-2121	
	2	2	.190 (4.83)	WM2733-ND	.66	5.88	39.20	22-12-2021
		3	.290 (7.37)	WM2734-ND	.97	8.55	56.98	22-12-2031
		4	.390 (9.91)	WM2735-ND	1.25	11.00	73.28	22-12-2041
		5	.490 (12.45)	WM2736-ND	1.56	13.75	91.62	22-12-2051
6		.590 (14.99)	WM2737-ND	1.87	16.56	110.42	22-12-2061	
7		.690 (17.53)	WM2738-ND	2.19	19.31	128.77	22-12-2071	
8		.790 (20.07)	WM2739-ND	2.50	22.06	147.09	22-12-2081	
9		.890 (22.61)	WM2740-ND	2.82	24.89	165.91	22-12-2091	
10		.990 (25.15)	WM2741-ND	3.12	27.56	183.73	22-12-2101	
12		1.19 (30.23)	WM2743-ND	3.34	29.52	196.86	22-12-2121	
3		2	.200 (5.08)	WM2700-ND	.93	5.76	33.10	22-11-2022
		3	.300 (7.62)	WM2701-ND	1.23	8.62	57.88	22-11-2032
	4	.400 (10.16)	WM2702-ND	1.28	8.94	60.07	22-11-2042	
	5	.500 (12.70)	WM2703-ND	1.09	8.46	63.10	22-11-2052	
	6	.600 (15.24)	WM2704-ND	1.20	9.34	71.22	22-11-2062	
	7	.700 (17.78)	WM2705-ND	2.14	18.94	126.24	22-11-2072	
	8	.800 (20.32)	WM2706-ND	2.13	16.52	126.00	22-11-2082	
	9	.900 (22.86)	WM2707-ND	2.52	22.29	148.61	22-11-2092	
	10	1.00 (25.40)	WM2708-ND	2.81	24.73	164.90	22-11-2102	
	11	1.10 (27.94)	WM2709-ND	3.09	27.26	181.68	22-11-2112	
	12	1.20 (30.48)	WM2710-ND	3.37	29.69	197.95	22-11-2122	
	4	2	.200 (5.08)	WM2711-ND	1.34	11.75	78.33	22-12-2024
3		.300 (7.62)	WM2712-ND	1.55	12.01	91.56	22-12-2034	
4		.400 (10.16)	WM2713-ND	2.02	17.86	119.06	22-12-2044	
5		.500 (12.70)	WM2714-ND	2.02	15.67	119.48	22-12-2054	
6		.600 (15.24)	WM2715-ND	1.87	15.61	115.63	22-12-2064	
7		.700 (17.78)	WM2716-ND	2.65	23.34	155.62	22-12-2074	
8		.800 (20.32)	WM2717-ND	2.76	24.37	162.49	22-12-2084	
9		.900 (22.86)	WM2718-ND	3.11	27.39	182.58	22-12-2094	
10		1.00 (25.40)	WM2719-ND	3.46	30.49	203.22	22-12-2104	
11		1.10 (27.94)	WM2720-ND	3.79	33.50	223.34	22-12-2114	
12		1.20 (30.48)	WM2721-ND	4.15	36.59	243.96	22-12-2124	
5		2	.200 (5.08)	WM4111-ND	.39	3.50	23.32	22-27-2021
	3	.300 (7.62)	WM4112-ND	.59	5.24	34.96	22-27-2031	
	4	.400 (10.16)	WM4113-ND	.65	5.72	38.13	22-27-2041	
	5	.500 (12.70)	WM4114-ND	.94	5.84	33.55	22-27-2051	
	6	.600 (15.24)	WM4115-ND	.94	5.87	33.72	22-27-2061	
	7	.700 (17.78)	WM4116-ND	.90	7.94	52.97	22-27-2071	
	8	.800 (20.32)	WM4117-ND	1.02	9.06	60.37	22-27-2081	
	9	.900 (22.86)	WM4118-ND	1.16	10.17	67.76	22-27-2091	
	10	1.00 (25.40)	WM4119-ND	1.17	10.32	68.79	22-27-2101	
	11	1.10 (27.94)	WM4120-ND	1.29	11.36	75.69	22-27-2111	
	12	1.20 (30.48)	WM4121-ND	1.39	12.30	82.01	22-27-2121	

Fig.	Cir-cuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing			Molex Part No.
				1	10	100	
Straight - Friction Lock Header - Gold							
5	2	.200 (5.08)	WM2744-ND	.76	6.76	45.00	22-29-2021
	3	.300 (7.62)	WM2745-ND	1.23	8.62	57.88	22-29-2031
	4	.400 (10.16)	WM2746-ND	1.29	11.36	75.69	22-29-2041
	5	.500 (12.70)	WM2747-ND	1.83	16.11	107.45	22-29-2051
	6	.600 (15.24)	WM2748-ND	2.02	17.79	118.56	22-29-2061
	7	.700 (17.78)	WM2749-ND	2.33	20.64	137.61	22-29-2071
	8	.800 (20.32)	WM2750-ND	2.45	21.60	144.01	22-29-2081
	9	.900 (22.86)	WM2751-ND	2.76	24.37	162.49	22-29-2091
	10	1.00 (25.40)	WM2752-ND	3.06	26.99	179.94	22-29-2101
	11	1.10 (27.94)	WM2753-ND	3.38	29.78	198.51	22-29-2111
	12	1.20 (30.48)	WM2754-ND	3.67	32.39	215.94	22-29-2121
	.100" (2.54mm) Center Crimp Terminal Housing (Contacts Sold Separately Below) With Locking Ramp and Polarizing Ribs						
6	2	.222 (5.64)	WM2000-ND	.33	1.90	8.38	22-01-3027
	3	.322 (8.18)	WM2001-ND	.47	2.74	12.14	22-01-3037
	4	.422 (10.72)	WM2002-ND	.47	2.91	14.51	22-01-3047
	5	.522 (13.26)	WM2003-ND	.65	4.01	20.03	22-01-3057
	6	.622 (15.8)	WM2004-ND	.62	3.82	21.92	22-01-3067
	7	.722 (18.34)	WM2005-ND	.59	5.27	35.12	22-01-3077
	8	.822 (20.88)	WM2006-ND	.67	5.95	39.67	22-01-3087
	9	.922 (23.42)	WM2007-ND	.76	6.72	44.77	22-01-3097
	10	1.022 (25.96)	WM2008-ND	.85	7.48	49.91	22-01-3107
	11	1.122 (28.5)	WM2009-ND	.93	8.25	54.96	22-01-3117
	12	1.222 (31.04)	WM2010-ND	1.01	8.93	59.56	22-01-3127
	Without Locking Ramp or Polarizing Ribs						
6	2	.222 (5.64)	WM1575-ND	.13	1.17	7.74	22-01-2021
	3	.322 (8.18)	WM1576-ND	.20	1.77	11.82	22-01-2031
	4	.422 (10.72)	WM1577-ND	.26	2.32	15.46	22-01-2041
	5	.522 (13.26)	WM1578-ND	.34	2.93	19.53	22-01-2051
	6	.622 (15.8)	WM1579-ND	.44	3.89	25.96	22-01-2061
	7	.722 (18.34)	WM1580-ND	.46	4.10	27.27	22-01-2071
	8	.822 (20.88)	WM1581-ND	.55	4.89	32.63	22-01-2081
	9	.922 (23.42)	WM1582-ND	.59	5.25	35.01	22-01-2091
	10	1.022 (25.96)	WM1583-ND	.66	5.87	39.11	22-01-2101
	11	1.122 (28					